

# CHEMICAL MARKETS

Established 1914

## Weekly News Bulletin

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### Molasses for Alcohol Comes from Europe

**Eastern Alcohol Co. Imports 2,800,000 Gallons—Cuban Market High with Supplies all under Control**

Importations of molasses from Holland and Poland totalling 2,800,000 gallons arrived in last week. This material was imported by the Eastern Alcohol Co., owned jointly by National Distillers and E. I. DuPont De Nemours & Co. This material was imported, according to reports, to offset competition from other purchasers in Cuba. These shipments are the first that come from Europe in years. Cuban molasses interests claim that it is not profitable to import molasses from Europe when the present prices for Cuban molasses are considered. Officials of National Distillers claim, however, that oil tankers that would otherwise return from Europe empty can bring molasses, and therefore freight rates are very advantageous.

Production of alcohol rose from 81,808,000 gallons in the year ended June 30, 1925, to 105,281,000 gallons for the year ended June 30, 1926. It is estimated that during the latter year about 90,000,000 gallons were made from molasses. Prices of molasses last year averaged  $2\frac{1}{2}c@3c$  gallon at Cuba, against a market of 7c lb. at Cuba today.

It is reported that the higher prices are the result of the formation of the Dunbar Molasses Co. which was formed by factors formerly connected with the molasses company owned by National Distillers. This company has bought up all floating stocks in Cuba, and is reported to have contracted for 40 per cent of the 1927 Cuban molasses output totalling about 100,000,000 gallons. It requires  $2\frac{1}{2}$  gallons of molasses to make one gallon of alcohol, so requirements for the year based on last year's production would be 2,632,500 gallons.

The contest to acquire the Cuban product is said to be between U. S. Industrial Alcohol Co. and National Distillers on the one hand, and the Dunbar Co. on the other. Dunbar Co. claims to have full or partial support from Cuba Sugar Corp., Cuban American Sugar Co., Cuba Dominican Sugar Corp. and mills connected with National City Bank, Hershey Co., Guantanamo Sugar Co., Punta Alegre Sugar Co. and some mills connected with the Royal Bank of Canada.

Cresylic acid is to be employed to spread fuel oil over the surface of the water where mosquitoes breed and bring about the extermination of millions of larvae, it is announced by New Jersey Mosquito Extermination Commission. The greater spread of the film of oil will kill larvae, according to Dr. Joseph M. Ginsburg, biochemist of agricultural experiment station at Rutgers University.

U. S. Tariff Commission's request for an additional appropriation of \$49,000 to continue its investigations conducted at the direction of President Coolidge and the Senate as to the differences in costs of production of numerous products in the United States and principal competing countries, has been favorably reported by the House Committee on Appropriations in its report on the second deficiency appropriation bill.

Acetic acid exports from Canada to United States in 1926 were 7,899,503 lbs., value \$514,506. In 1925, exports were 2,590,931 lbs., value \$274,419.

### KAYSER WINS \$14,727 FROM FRENCH CONCERN

(Special to CHEMICAL MARKETS)

Boston, Mass., Feb. 25—Decision was rendered in favor of Paul Kayser, the plaintiff, in two cases tried in the Superior Court before Judge Dillon, in which the defendant was Societe D'Electro Chimie & D'Electro Metallurgie, Paris, France. The two cases were tried before different juries. Verdict in favor of Kayser amounted to \$14,727.27.

The cases evolved from a contract made between the French concern and Kayser in which the former agreed to supply the latter with sodium cyanide of certain specifications. Charles Hardy, Inc., New York, as agent for the French concern negotiated the contract. When the material arrived, the plaintiff claimed it was not of the purity stipulated, and according to his statements to the court, he proposed to have the material tested by disinterested parties. This was not agreed upon, he stated, and then he proposed arbitration as called for in the contract, but this was refused by the defendant. The plaintiff then sold the material at public auction. The plaintiff attached payments made in this city to the French concern by the Central Railway Signal Co. for potassium perchlorate. The sale of the perchlorate was also made by Charles Hardy, Inc., as agent for the French concern.

First action was an attempt by the French concern to prove that the money paid to Central Railway Signal Co. belonged to Charles Hardy, Inc., and was therefore not attachable by the plaintiff in their action against the French concern. The jury decided that the money did not belong to Charles Hardy but belonged to the French concern. Second action involved the question of whether the French concern had lived up to the terms of the contract or not, and the jury rendered a verdict for the plaintiff.



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*Among this Company's products are:*

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(Hydrochloric Acid)

NITRIC ACID

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*And other Heavy Chemicals  
of Standard Purity*

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THE NICHOLS CHEMICAL CO., LTD., MONTREAL

## German Potash Finances Short

**Reorganization for Further Economies Considered Necessary—Interest on 1926 Loan Amounts to Twenty Million Marks—Net Profits Greatly Reduced—Larger Sales Were Expected—German Potash Law Conflicts With Present-Day Conditions, Says Trade Commissioner Daugherty**

(Special to CHEMICAL MARKETS)

Berlin, Germany, Feb. 21—Forced out of its former monopoly by loss of the Alsatian mines and with prospects of successful competition in other countries, the German potash industry will have to organize progressively on an economy basis, says Trade Commissioner William T. Daugherty. Further economy is possible, of course, in the formation of a super trust, along lines of the local Dye Trust and United Steel Works. This is Director Korte's (Burbach concern) main idea, and

	1913
Carnalite .....	8.50
Kainite .....	10.00
20 per cent fertilizer .....	14.00
30 per cent fertilizer .....	14.50
40 per cent fertilizer .....	15.50
Potassium chloride 50-60 per cent .....	27.00
Potassium chloride over 60 per cent .....	29.00
Potassium sulfate .....	35.10
Potash magnesite sulfate .....	31.00

its realization got impetus when he acquired recently 430 mining shares of the gigantic Wintershall concern. If the existing German potash concerns were formed into a single organization the German potash law, based on antiquated principles, and seemingly not fitted to suit existing conditions in that industry, would have to go out of existence.

Comparative prices of German potash salts with indication of the percentage increase or decrease compared with the next most recent price rise, and with pre-war, are shown in table.

Finances of the German potash industry, considering 1926 business, are not good; while sales last year about equalled their 1913 level of 1.1 million tons pure potash ( $K_2O$ ) when Alsatian mines were also German, the proceeds will compare very unfavorably with pre-war and indeed with post-war years. It is estimated that proceeds on 1926 sales amount to about 14 marks per 100 kilograms  $K_2O$  compared with 17 marks in 1913. Employing these factors German potash sales in 1926 may have netted around 150 million marks in comparison with 190 million marks in 1913.

Compared with turnover in post-war years, estimated at 160 million marks in 1925, on sales of 1.22 million tons, and at 100 mil-

lions in 1924, on a turnover of 840,000 tons, 1926 business suffers a considerable set-back through the circumstance that interest on the 300-million mark loan will amount to some 20 million marks, thus reducing net proceeds accordingly. The German Potash Syndicate expected far greater sales in 1926, advance estimates made a year ago forecasting sales of 1.5 million tons pure potash and even two million tons. The inland price increase which went into effect on Dec. 23 last, will not stimulate sales, so

Apr. 16	Dec. 23	Per cent	Per cent
1925	1926	comparison	comparison
		preceding	1913
7.56	9.7	plus 27.9	plus 13.8
8.97	10.83	plus 20.7	plus 8.3
12.24	15.21	plus 24.2	plus 8.6
15.64	17.95	plus 14.8	plus 23.8
16.68	18.88	plus 13.2	plus 21.8
27.10	27.00	.....	.....
29.00	29.00	.....	.....
31.25	3.25	.....	minus 10.6
28.85	28.85	.....	minus 6.9

that the outlook, with increasing competition, is not particularly encouraging.

## FLEXIBLE TARIFF UPHELD

(Special to CHEMICAL MARKETS)

Washington, D. C., March 2—Constitutionality of the flexible provisions of the Tariff Act of 1922 was upheld in a decision by U. S. Court of Customs Appeals in the case of J. W. Hampton, Jr., & Co., New York. The case arose out of the proclamation issued by the President May 19, 1924, under the flexible tariff, increasing the duty on barium dioxide from 4 cents to 6 cents per pound.

Hampton company attacked the constitutionality of Section 315 of the Tariff Act, the flexible provisions. Customs Court held that the imposing of sufficient duties upon imported products to equalize the difference in cost of production in the United States and the principal competing country was a valid exercise of the constitutional power of Congress to regulate commerce.

Cannon Manufacturing Co., Kanopolis, N. C., is building a \$1,000,000 addition to its towel mill and is planning to erect a bleachery. The Cannon mills are now equipped with 100,000 spindles and 3000 looms, with dyeing and finishing departments.

## FERTILIZER SALES SMALL

Sales of fertilizers so far this season show a reduction of more than 20% in most areas in the South and prices are generally lower. Some fertilizer people, while believing sales will increase as the selling season advances for March is a bigger volume month than February, expect that the reduction in sales compared with 1926 in the South will be not far from 30%. Salesmen went into the South later this season.

National Fertilizer Association says fertilizer tag sales in December were 6.9% smaller than for December, 1925, totaling 629,518 tons against 761,809 the preceding December. Sales for January were 19.1% smaller, with 526,471 tons against 651,169 in January, 1926.

Relatively large sales have been made in North Carolina and Florida to date. In fact, December and January sales in North Carolina were larger than for either of the two previous years. On the other hand, large reductions were reported from South Carolina, Georgia, Alabama, Mississippi, Tennessee and Missouri, while Texas and Arkansas show a comparatively small reduction. These smaller sales are falling in with expectations of the big companies. Small mixers are suffering. Most of the leading companies are in excellent financial shape to meet another year of small income.

Ciba Co. was forced to call the rescue company of the New York Fire Department last week to its offices and warehouse at Washington and Cedar sts. A keg of sodium hydrosulfide that was wetted from a flooded cellar, had dried out and the fumes made it impossible for a large number of the staff to work. The firemen, with gas masks, took the keg from the cellar and dumped it into the river.

Semet-Solvay Co., Syracuse, N. Y., is using newspapers in Michigan, Ohio, and Southern states in a campaign to advertise its coke. Erickson Co., New York, has the account.

International Mercury Corp. has acquired Cambria quicksilver mine near San Luis Obispo, Cal., and is installing new equipment, planning to reopen. The mine has produced more than 25,000 flasks of quicksilver.

Merrill Chemical Co.'s plant, Toronto, was damaged to the extent of \$20,000, Feb. 6.



### CHINAWOOD OIL HIGHER (Special to CHEMICAL MARKETS)

Washington, D. C., March 1—Market price of wood oil at Hankow has advanced slightly and on Feb. 18 was twenty-seven taels per picul, equivalent at present exchange rates to approximately \$1.339 per pound, according to a cable from Consul General F. E. Lockhart, Hankow, China. There is an adequate supply of stocks in the interior, but the difficulties encountered on river transportation make the arrival date of shipments en route to Hankow uncertain.

It is reported to be unlikely that there will be any shut-downs on the movement of wood oil from the interior at Hankow, but arrivals will be irregular and uncertain for the next few weeks at least, the cable states. Supplies at Hankow at present are relatively low.

Bradford (England) Dyers Association profits for 1926 were £267,650, compared with £389,231 in 1925.

Arthur D. Little has been elected vice-chairman of Engineering Foundation.

### USES FOR SULFITE LIQUID

Waste sulfite liquor is being used in Sweden in "laett beutyl," new motor fuel, containing 25 per cent sulfite spirit mixed with 75 per cent ordinary gasoline. The mixture appears to form an excellent motor fuel, working well in all ordinary gasoline motors, absolutely non-knocking, and having a higher efficiency than commercial gasoline it permits a saving of 10 to 15 per cent of the fuel consumption. The evaporated sulfite liquor is finding an increasing use as a dust-binding material for macadam roads. Sulfite ink is also made from the waste liquor, is odorless and 20 per cent cheaper than other ink for rotary presses.

Paterson (N. J.) silk dyers have appealed to city authorities to delay proposed plans to force dyers to separate their trade wastes and sewerage from storm water and to tax wastes emptied into the sewer above a certain amount.

Canadian Celanese, Ltd., Drummondville, Que., artificial silk, has placed its advertising account with Canadian Advertising Agency, Ltd., Montreal.

### Personal and Personnel

David Lawrence, president "The United States Daily," Washington, D. C., announces the early issuance of an Annual Index and Year Book, giving a complete record of what the Government has done during the year. The company has an Inquiry Division for subscribers.

Clifford T. Weihman, Smith-Weihman Co., New York, is enjoying a fishing trip among the Florida Keys. He is at present at Key West and will visit Havana before returning to New York about the middle of March.

Dr. E. M. Pierce has become associated with Ciba Co., New York, as technical demonstrator. Dr. Pierce, until recently was connected with Weidmann Silk Dyeing Co., Paterson. He will offer a general technical service to mills.

Charles H. Stone, Charlotte, N. C., has established a dyestuff and chemical business there. He expects to move his new business office, warehouse and laboratory into one building as soon as he can obtain a suitable location.

Jas. S. Mason, Inc., Philadelphia, manufacturer of leather polishes, has appointed Spector & Goldensky, Philadelphia, to direct its advertising account. Newspapers and magazines will be used in a campaign which will begin about April 1.

Philadelphia Water Proofing Corp., Philadelphia, manufacturer of water-proofing and paint compounds, has appointed Spector & Goldensky to direct its advertising account. Business papers and direct mail will be used.

Pratt & Lambert, Buffalo, N. Y., have elected R. W. Lindsay, general sales manager, a member of the Board of Directors. He has been with the company for more than eighteen years.

E. E. Van Sickle, general manager bulk sales department Corn Products Refining Co., New York, has been elected vice-president. He has been with the company for many years.

Foamite-Childs Corp., Utica, N. Y., has appointed Norman F. Kimball, assistant sales manager, to take charge of the company's advertising and sales promotion work.

H. S. Chatfield will broadcast over station WOR from 1440 Broadway, N. Y., an article on "What Industry Owes to Alcohol." The date will be announced later.


# BARIUM CHLORIDE

**GRASSELLI GRADE**  
*A Standard Held High for 87 Years*

## LEADERSHIP

What establishes it for a firm or a product? Certainly not unsupported claims. Nor yet promises. The answer is — **PERFORMANCE.** And performance over a long enough period of time to test endurance.

In chemicals "GRASSELLI GRADE" has won leadership as a Quality Pledge because of the rich background of 87 years of **SERVICE** back of it. Few concerns in any line can match that record.



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Boston	Detroit	Paterson	St. Louis
Brooklyn	Milwaukee	New York	St. Paul



# [ Markets & Prices ]

## TIN SALTS UP; ALCOHOL VERY WEAK

**Zinc Sulfate Higher—Benzene Easy—Toluene Tight—Copper Sulfate Firm—Ammonia Unchanged—Glycerin Lacks Strength—Solvent Naphtha and Xylene Stocks Heavy—Denatured Olive Oil Breaks—Chinawood Oil Up Again on Unsettled Conditions in the Orient—Cottonseed Oil Firm and Higher**

Chinawood Oil, spot, 1c lb.	Oleo Oil, all grades, 3/4c lb.	Tin Crystals, 3/4c lb.
Chinawood Oil, Coast, 3/4c lb.	Rapeseed Oil, English & Jap., spot, 3c gal	Tin Bichloride, 1/4c lb.
Cottonseed Oil, PSY, spot, 1/4c lb.	Rapeseed Oil, blown, spot, 5c gal.	Tin Tetrachloride 1/2c lb.
Lard Oil, edible prime, 3/4c lb.	Soya Bean Oil, crude, NY, 3/4c lb.	Zinc Sulfate 3/4c lb.
<b>Advanced</b>		
<b>Declined</b>		
Linseed Oil, spot, 0.1c lb.	Olive Oil, denatured spot, 5c gal.	

Industrial chemicals continue to maintain firm positions for the most part under a steady consuming demand. Denatured alcohol remains exceedingly weak with sales reported as low as 25c gallon. Demand is very slack and supplies are large. Factors can see no immediate recovery. Glycerin also remains weak with sales of C. P. as low as 25c gallon reported. Copper sulfate is very firm with all factors forecasting continued firmness. Barium chloride is easy with imported material holding the market at previous levels. Makers of tin salts have announced a further advance in prices due to still higher prices for the metal.

Light oil distillates are unchanged. Benzene is freely offered at low prices. The possibility of a coal strike might lend some strength to the situation before long, although factors state that the steel mills are in possession of very large quantities of coal and the strike would have to be of long duration to have any marked effects upon benzene supplies. Lower prices for gasoline have not helped the immediate situation. Toluene is firm and very scarce. Solvent naphtha and xylene are being recovered in very large quantities due to the heavy movement of toluene, but the demand is slight and the markets are over-stocked in some directions.

Intermediates are very quiet with the bulk of materials moving on contracts. Prices show no change in any direction although selling competition remains sharp.

### INDUSTRIAL CHEMICALS

**Alcohol Denatured**—Market is exceedingly weak. Sales are reported as low as 25c gal. for tank cars of No. 5. Some sales of very large quantities are reported to factors in the anti-freeze market who intend to store the material for next Winter's consumption. Present

prices are very low considering the high molasses market prevailing.

**Ammonia**—Although factors continue to express a bullish attitude as to the future, there has been no change in quotations for either anhydrous at 10c@11c lb, or aqua at 2 1/2c@2 3/4c lb.

**Ammonium Chloride**—Market is steady but imported material is still in free supply at 5 1/4c@5 1/2c lb for white.

**Barium Chloride**—Imported material remains available at \$61.00@ \$62.00 ton, and this prevents domestic makers from advancing their prices.

**Glycerin**—Market remains in weak state. Dynamite is quoted at 24c lb but supplies are very free. C. P. is officially quoted at 27c lb, but sales are reported down to 25c lb. Crude is quoted at 18 3/4c lb for saponification, and 17c lb for lye. Refiners are practically out of the market for crude and will not bid.

**Methanol**—Market remains in a firm position with all makers naming unchanged figures of 80c gal. for tanks of denaturing grade.

**Tin Salts**—Further advances in the metal market has brought another advance in tin salt prices and makers quote crystals at 48c lb, tetrachloride at 41c lb, and bichloride solution at 20 1/4c lb.

**Zinc Sulfate**—This market is very firm and makers now name higher prices of 3 3/4c lb for carlots. The high market for zinc is the cause.

### CRUDES AND INTERMEDIATES

**Aniline Oil**—Makers report a normal movement on contracts. Prices are firm and unchanged at 15c@16c lb.

**Benzene**—Supplies are freely offered at 23c gal, lower prices for gasoline have eased the tone of the market still further. The possibility of a coal strike might cause

## Judge Firms as you do individuals~ thirldly, by INTEGRITY

Liquid Chlorine  
Caustic Soda  
(Flaked, solid or liquid)  
Caustic Potash  
(Flaked, solid or liquid)  
Bleach  
Paradichlorobenzene  
Muriatic Acid

It is with pride that the associated companies of Electro Bleaching Gas Company and Niagara Alkali Company vouch for the integrity of chemical manufacturing, as an industry.

They endeavor, in every way, to uphold this common reputation—by supplying chemicals of unquestionable quality, and by taking the viewpoint that the interests of their customers come first.

**Electro Bleaching Gas Co.**  
PIONEER MANUFACTURERS OF LIQUID CHLORINE

Plant: NIAGARA FALLS, N.Y.  
Main office 9 East 41<sup>st</sup> Street New York

Affiliated with Niagara Alkali Co.  
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Sales Agents for  
Caustic Soda and  
Bleach



# SALT

for every

## INDUSTRIAL PURPOSE



**INTERNATIONAL  
Salt Company, Inc.**

475 Fifth Avenue  
New York



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and uniform quality*

**Soda Ash  
Caustic Soda  
Bicarbonate  
of Soda**

**Michigan Alkali Co**

General Sales  
Department

21 E. 40TH ST., NEW YORK  
Chicago Office  
332 So. Michigan Ave.

some apprehension on the part of consumers, but coal reserves are large and no interruption in the supply of benzene is expected unless the strike is of long duration.

**Cresylic Acid**—Market is quiet but firm. Movement is heavy at 60c gal. for pale 97-99 per cent.

**Naphthalene**—Market is active with the approach of the consuming season but prices show no change.

**Pyridin**—Alcohol denaturers cannot be interested at any price. Meanwhile the nominal price is \$2.25 gal.

**Solvent Naphtha**—Market is heavily stocked and prices are none too firm at 35c gal. in tanks.

**Toluene**—Market remains tight with quotations very firm at 35c gal. in tanks.

### OILS AND FATS

**Castor Oil**—The market is unchanged this week and moving in an average manner at 14c@14½c lb for No. 1; 13½c@14c lb for No. 3.

**Chinawood Oil**—Advances in all positions continue to rule the market with limited quantities of spot oil in barrels sold this week at 19½c@20c lb. Spot tanks are named at 17½c@18c lb with little business passing. Business has been done for April from the Coast at 16½c lb. Consumers here are buying very cautiously on the advancing markets.

**Coconut Oil**—There has been no change in position over the week with Manila oil offered for prompt shipment from the Coast at 8½c@8½c lb in tanks. Spot tanks are offered at 8½c@8¾c lb and spot barrels at 9½c@9¾c lb.

**Corn Oil**—Crude oil is again higher this week and offerings are heard from the mills at 8¾c@9c lb with fair consuming interest. Barrels at New York are fractionally higher at 10¼c@10½c lb. Refined oil is unchanged and quiet for all positions.

**Cottonseed Oil**—Refined oil continues its upward climb and is now quoted at 10c lb on spot and proportionately higher for futures. Crude oil is unchanged at 8¼c lb. Texas and 8¾c@8½c lb for Valley and Southeast. In spite of the advancing market it is still predicted that the late Spring and Summer will witness lower prices.

**Greases**—The spot market shows no change this week and the market is firm at 10½c lb for choice white; 7¼c lb for yellow; 7½c lb for house and 6¼c@6¾c lb for brown.

**Lard Oil**—Edible prime is firm and higher at 15½c lb. All other grades are unchanged and steady at 13¾c lb for off prime; 12¾c lb for extra; 11¾c lb for extra No. 1; 11c lb for No. 1 and 10½c lb for No. 2.

**Linseed Oil**—The openly quoted price for raw oil in carlots on spot is 10.3c lb. At this figure the market is fairly steady and consumers are showing some interest. The seed markets are quiet at the moment because of a two day holiday in Argentina.

**Neatsfoot Oil**—An advance of ½c lb in No. 1 to 11c lb is the only price change of the week. All grades are moving well and the market is firm.

**Oleo Oil**—Strength and advances feature the market this week with factors here reporting sales at 12½c lb for No. 1; 9½c lb for No. 2 and 9c for No. 3.

**Olive Oil**—The market has definitely stopped its upward movement in denatured oil and shipment prices are coming in at \$1.58 gal. Spot oil is quoted at \$1.60@\$1.65 gal. and with replacement prices coming in lower daily, spot oil will probably ease off. Foots are named at 9¾c lb on spot and were sold at this level early in the week. February shipment is offered at 9¼c lb and March at 9c lb.

**Perilla Oil**—Tanks on the Coast are a shade easier this week and quiet at 10c lb. Spot in barrels is unchanged.

**Sesame Oil**—After the advance of two weeks ago the market is comparatively quiet with dealers quoting 13c@13½c lb for edible yellow oil.

**Rapeseed Oil**—Replacement costs are higher and the spot has advanced in sympathy to 83c@86c gal. for Japanese; 90c@93c gal. for English and \$1.05@\$1.07 lb for blown. Consumers are showing interest but buying has not been heavy.

**Soya Bean Oil**—Tanks at New York have advanced over the week and offers are heard at 1¾c lb with no signs of weakness. The position on the Coast is unchanged.

**Stearine Oleo**—As reported last week, the market here was due for an advance and is now quoted firm at 11c lb.

Georgie Creosoting Co., Brunswick, Ga., has taken over a tract of about 15 acres adjoining its local creosoting works, and will increase the capacity more than 65 per cent. The expansion will cost more than \$400,000, including equipment.

## NITRATE OF SODA HIGHER AND SCARCE

Shortage at Southern Ports Reported Acute—Sulfate of Ammonia Firm—Tankage Lower Here But Steady—Japan Wax Down on Spot and for Shipment—Carnauba Wax Firm—Lead Arsenate Lower on Pressure to Sell—Tanning Materials Steady and Higher in Some Cases

Albumen, egg edible, 2c lb.  
Divi Divi, shipment, \$3.00 ton.

Japan Wax, spot, 2c lb.  
Rosin, B, D, \$1.00 280 lbs.  
Rosin, E, 75c 280 lbs.  
Rosin, F, 40c 280 lbs.  
Rosin, I, 10c 280 lbs.  
Rosin, H, 30c 280 lbs.

Advanced  
Egg Yolk, spot, 3c lb.  
Turpentine, spot, 8½c lb.

Declined  
Rosin, G, K, 25c 280 lbs.  
Rosin, I, 10c 280 lbs.  
Rosin, H, 30c 280 lbs.

There were several important price changes in this group over the week. Principal amongst these was the advance both here and in the South on nitrate of soda. The increase in the North was in accordance with the March schedule which importers are holding too. In the South the shortage at seaports is reported as acute and sellers are having no trouble in getting their asking price. Sulfate of ammonia was also quite firm in all positions and though there was no change in price it is now a sellers market.

A reduction in the spot price of Japan wax to levels more in conformity with normal prices was also a feature. Shipment prices have been coming in lower for some days past and this has had its effect on the spot market. A rather surprising decline has been noted in lead arsenate caused by the anxiety of makers to place their output. Insecticides were believed to be enjoying a very good season. Other insecticides are steady as are all fertilizer materials, though the latter are rather quiet at the moment. Since the recent announced reduction in diphenyl guanidine and diorthotolyl guanidine there has been no change and the market is quiet.

The Chinese products, egg albumen and egg yolk are both firm and in limited supply here. Tanning materials are also maintaining their strong position with advances for the week noted in divi divi, valonia and wattle bark.

A break in the price of denatured olive oil which has been imminent for the past week occurred early this week brought on by lower replacement offerings which have been coming in fractionally lower each day. Buyers have been holding off at the present high levels but are expected to come into the market on the decline which might check any sharp reduction but it is expected that a gradual decline to normal levels is under way. Linseed oil continues easy and is a shade lower

than last week. Varnish makers have been showing a better interest and the tone of the market seems better.

Otherwise all oils are firm and in most cases higher. Chinawood is still the strongest item with advance of 1c lb. in all positions for the week. Refined cottonseed oil is mounting steadily and is ½c lb. higher for the week. Crude oil is unchanged. Rapeseed shows advances in all grades on higher replacement costs. Animal oils and fats are all firm and moving well at advanced levels in most cases.

**Albumen**—The shipment position continues to govern the spot market and it has again advanced on edible egg to 90c@95c lb with consumers buying on the advance. Importers here look to a continuance of high prices. Blood and vegetable are unchanged.

**Antimony**—Metal is again openly quoted lower at 13½c@14c lb on spot with domestic users showing but routine interest. The Chinese situation is rather confusing and reports are conflicting.

**Ammonium Sulfate**—At \$2.55 100 lbs. the spot market is very steady and sellers are having no trouble in placing average sized parcels at this level.

**Blood**—Shows no change in position with the small supply of spot goods offered at \$4.25 unit on a rather quiet market. Chicago and South American are likewise unchanged at \$5.00 and \$4.00 unit respectively.

**Carnauba Wax**—Reports of firmness at the primary market has served to strengthen the spot market and the general decline of the past few weeks on No. 1 yellow and No. 2 regular has been checked. These grades are offered in a small way at 60c@62c lb and 52c@54c lb respectively.

**Casein**—Unchanged this week with importers quoting 16c lb on inquiries of fair size.

**Diphenyl-guanidine**—Makers are taking business this week at the

## SOLVENTS

## Butanol

(n-Butyl-Alcohol)

used directly and indirectly  
in Lacquers

## Dibutyl Phthalate

Plasticizer in Lacquers

## Butalyde

(n-Butyl Aldehyde)

Rubber Accelerator

## Acetone, C. P.

## Diacetone-Alcohol

## Denatured Alcohol

Commercial Solvents  
Corporation

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Plants:

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recently reduced open price of 68c @72c lb.

**Diorthotolylguanidine**—The market is moving evenly at the recently announced lower level of 85c@90c lb.

**Egg Yolk**—Spot stocks are in very limited supply with importers taking small orders at 82c@84c lb as to seller. Little relief is looked for from primary sources for some time to come.

**Divi Divi**—Continues in rather small supply for shipment and importers are quoting \$47.00 ton for prompt from abroad on all inquiries.

**Japan Wax**—Spot wax is off this week to 18½c lb with sales made at this level early this week. Advances from the primary market place the price there at 17½c lb for March shipment. Inquiry is average.

**Lead Arsenate**—There has been some pressure to sell in evidence and makers now quote 14c lb in carlots f.o.b. works.

**Myrobalans**—Latest shipping advances place the market at \$33.50 ton for J2's. R2's are said to be off the market and sales of J1's at \$41.00 ton have been recorded.

**Rosin**—The spot market is characterized as heavy by sellers here and consumers are buying only as needed. Common and medium grades are lower than last week with current quotations at: B, \$11.00; D, \$11.50; E, \$11.60; F, \$12.00; G, \$12.15; H, \$12.75; I, \$13.25; K, \$14.00; M, \$14.50; N, \$15.75; WG, \$16.50 and WW, \$18.25.

**Tankage**—Sales on spot have been made this week at \$4.00 and 10c unit, which represents a decline of 25c unit for the week. However the market is steady and no changes have been reported in other markets.

**Turpentine**—Locally the market shows signs of recovery from the sharp drop of ten days ago and at the moment the market is quoted at 75c@81c gal. The market seems to be recovering from the effects of the trouble abroad.

*(Special to CHEMICAL MARKETS)*

Savannah, Ga., Feb. 28—Turpentine closed the week firm at 67c gal. which is a material recovery of 7c gal. on the price of a week ago when it touched bottom at 60c gal. There had really not been cause for such a drop in the price of turpentine but there was considerable anxiety to sell from day to day. At the moment the demand is on the increase and everybody wants to buy now that they think the market has reached bottom. Saturdays offerings of 17 bbls. were sold to one buyer at 67c gal. which established the market at that level. Weather conditions should have much to do with the price of turpentine and rosin during the next two months. The mild weather which prevailed during February has helped to hasten early production. Receipts last week were 414 bbls.; sales reported, 129 bbls.; shipments, 477 bbls.; stock, 8,303 bbls.

Rosins have also been fairly active this week and closed firm Saturday with the offerings of 328 bbls. sold at prevailing quotations. From the interest shown it is believed here that there will continue to be buying from day to day that will take the offerings around present prices. After another month the market on different grades will probably shape themselves for the new season, but for the present a steady market is expected with slightly fluctuating prices. Receipts of rosin last week were 1,959 bbls.; sales reported, 2,116 bbls.; shipments, 8,260 bbls.;

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Ethyl Acetate; 99%-100% 85%-88%  
Amyl Acetate; High Test and 85%-88%  
Butyl Acetate; 85%-88%  
Ethyl Aceto-Acetate

Diethyl Phthalate  
Diamyl Phthalate  
Dibutyl Phthalate  
Ansol ML  
Ansol PR  
Ether; Absolute and U. S. P.  
Ethyl Carbonate  
Ethyl Lactate  
Ethyl Oxalate  
Diatol  
Cotton Solutions

**U. S. INDUSTRIAL CHEMICAL CO., INC.**

*Executive Offices:* 110 East 42nd St.

New York

*Sales offices in all principal cities*



Savannah stocks, 44,853 bbls. Current quotations are: B, D, \$10.00; E, \$10.10; F, \$10.50; G, \$10.65; H, \$11.00; I, \$11.85; K, \$12.75; M, \$13.25; N, \$14.25; WG, \$15.00; WW, \$16.75.

**Sodium Nitrate**—Dealers in the South are having no trouble in getting \$2.67 100 lbs. for the limited stocks in that territory. In the North the price advanced March 1 to \$2.64 100 lbs. and importers are holding steady at this level. Inquiry has been better this past week.

**Sumac**—Unchanged and steady at \$76.00@78.00 ton as to position.

Canadian imports of aniline and coal-tar dyes during December were: From Britain 12,505 lbs., value \$8,198; United States 116,429 lbs., value \$67,907; Germany 78,048 lbs., value \$54,792; Switzerland 31,810 lbs., value \$32,044; other countries 550 lbs., value \$547; total 239,342 lbs., valued at \$153,488; compared with imports during December, 1925: From Britain 11,223 lbs., value \$6,960; United States 95,356 lbs., value \$56,464; France 14,932 lbs., value \$2,606; Germany 16,202 lbs., value \$10,742; Netherlands 532 lbs., value \$128; Switzerland 14,734 lbs., value \$9,068. Total 152,989 lbs., valued at \$85,068.

Lowry & Co. are now represented in Detroit by E. K. Marshall, formerly of the purchasing department of Parke, Davis & Co., now having offices at 305 Donavan Building. In New England territory, Lowry & Co. are represented by Philip A. Houghton, Inc., 16 Norwich st., Worcester, Mass. Mr. Houghton was formerly general manager of Brewer & Co. Stocks of alcohol will be still carried at Worcester, Providence, Boston and Fall River.

M. R. Trimmer, formerly superintendent of Lindol Department of Celluloid Co., is now associated with American Cyanamid Co. in the development and sales promotion of lacquer solvents.

Edward Breitwieser is now connected with Pacific Chemical Co., Los Angeles, Cal., in the manufacture of liquid soaps, disinfectants, scouring powders, and related items.

Imperial Varnish & Color Co., Toronto, Canada, has begun an educational campaign in its factory to broaden the efficiency of the organization.

### BARRETT CO. WINS SUIT

The Barrett Co., New York, has won its suit against the U. S. Government over a war-time contract for xylene which the Government cancelled. U. S. Supreme Court order a Court of Claims judgment reversed, and the case was remanded for trial. The contract was with Navy Department and called for distillation of xylene at the rate of 225,000 gallons per month. It was cancelled when the Armistice was declared. Court of Claims awarded \$10,995.08, and barred expenditures by The Barrett Co. in connection with erection of the plant.

Exports of sulfur or brimstone from the United States totalled 567,966 tons in 1926, valued at \$10,918,580, of which 159,416 tons were exported to Canada, 108,477 tons to Germany, 91,735 tons to France, 66,507 tons to Australia, 27,340 tons to the United Kingdom, and 26,618 tons to New Zealand.

R. H. Nicholas Co., Cleveland, O., representing S. M. Mayer Alcohol Co., of Gretna, La., has moved to 2171 W. Third st., Cleveland. Telephone Atlantic 2292.

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**DEVOE & RAYNOLDS' GAIN**

Devoe & Raynolds Co.'s net income after all charges and taxes as of Dec. 31, was \$900,055, equivalent, after dividends on first and second preferred stock, to \$5.21 a share on combined 135,000 shares of no par Class A and B common stocks. This compares with \$698,018, or \$3.69 a share on combined stocks.

Better showing which the company made was due almost entirely to economies in operation. Net sales for the year aggregated \$11,374,206, compared with \$11,304,161 in 1925, a gain of less than \$70,000, or less than 1%, while operating profit was \$876,728 against \$692,848, an advance of 26% over 1925. Other income in 1926 was slightly more than \$60,000 in excess of 1921, but this was offset largely by federal taxes of \$143,607 against only \$101,468 in 1923.

Allied Chemical and Dye Corp. will pay a quarterly dividend of 1¼ per cent on preferred stock, April 1 on stock of record March 11.

Union Carbide and Carbon Co. has declared a quarterly dividend of \$1.50, payable April 1 on stock of record March 4.

**AIR REDUCTION'S INCOME**

The most striking feature of the report of Air Reduction Co. for 1926 is the showing of the last quarter, in which net earnings were the largest of any quarter in the history of the company, after the deduction of unusually large reserves, says Wall Street Journal. Net profit for the year was \$2,271,841, equal to \$10.87 a share on the 208,855 shares of no par capital stock, against \$2,016,865, or \$10.02 a share, in 1925. Net profit in the fourth quarter was \$860,788, equal to \$4.13 a share, or at the annual rate of more than \$16 a share. This was after the deduction for the quarter of depreciation reserves equal to nearly \$2.50 a share.

In view of Air Reduction's policy of ploughing earnings back into the property and of increasing reserves as earnings increase, a more correct idea of the actual earning power can be gained by figuring operating income available for depreciation, taxes and dividends.

On this basis, Air Reduction earned last year \$4,699,407, equal to more than \$22 a share on the common, and after taxes, but before depreciation, more than \$20 a share. As a matter of fact, the tax indicates an income last year of over \$3,000,000 or about \$15 a share. Operating income in the last quarter before depreciation was \$1,353,837, equal to about \$6 a share.


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THE advantages of fine yarns and efficient weaving may be nullified by dyeings that fail to measure up to your standard.

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**GENERAL DYESTUFF  
CORPORATION**

Courtaulds, Ltd., London, for year ended Dec. 31, shows net profit of £3,804,791 after depreciation, expenses, and income tax. Deducting £750,000 for general reserve, £750,000 for interim dividend on common and £400,000 for preference dividend, leaves balance available £1,940,791 for 12,000,000 common £1 shares. After deduction for final dividend of 3s 3d a share, tax free, or £1,950,000, there is a debit of £9,209 in carry forward, which last year totaled £1,046,007, and reduces that item to £1,036,798.

American Viscose Corp., which suffered from falling prices in raw materials in mid-summer depressed business, reports improving sales and brighter outlook with more stable prices. Courtaulds' Canadian factory was run twelve months with full output. Soie Artificielle, Calais, will be ready to produce this summer and Glanzstoff-Courtaulds, at Cologne, will start this year.

Mathieson Alkali has declared quarterly dividends of \$1 on common and \$1.75 on preferred, payable April 1 to stockholders of record March 18.



## PYRITES 1926 OUTPUT

The output of pyrites in 1926 was practically at the same rate as in 1925, decreasing from 170,081 long tons, valued at \$650,448, in 1925 to 166,559 tons, valued at \$616,668, in 1926, or a decrease of 2 per cent in quantity. California and Virginia produced 95 per cent of the total output and New York and Ohio supplied the remainder. Imports of pyrites in 1926 showed an increase of 32 per cent in quantity over 1925, from 276,385 tons, valued at \$773,925, to \$366,151 tons, valued, at \$856,981, and were the largest recorded since 1919. Of the total quantity imported Spain furnished 365,103 tons and Canada the remainder.

Distillers Co. of Canada, Ltd., recently formed Canadian branch of Distillers' Co., Ltd., Great Britain, has taken over and reorganized Distillers Corp., Ltd., Montreal, linking the latter company up with the British organization. W. R. Ross, chairman and managing director of the British company is president of the reorganized Distillers Corp., Ltd., and has with him a number of leading Canadian financial men on the board.

Parsons Ammonia Co., Inc., New York, has plans for a proposed plant at Rahway, N. J. It will be two-story, 75 x 200 ft., estimated to cost in excess of \$50,000, with equipment.

January index for chemical production was 198 compared with 210 for December, and 179 for January of last year, taking 1919 at 100 per cent.

Commercial Solvents Corp has declared a quarterly dividend of \$2 on Class B stock, payable April 1 on stock of record March 18.

Nitrate export duties will be retained by Chile, but the selling organization will be disbanded by June 30. Government officials will consider a tax on idle plants Saturday, Feb. 26, and a proposal to grant extra facilities to producers if work is resumed.

C. R. Johnson has joined Godfrey L. Cabot, Inc., as technical director, and is organizing a carbon black research laboratory.

M. E. McIver is secretary of American Association of Engineers, succeeding C. E. Drayer.

Grasselli Chemical Co. reports net profits of \$4,149,030 for 1926.

## DENATURED ALCOHOL RATES

R. J. Olentine, examiner of Interstate Commerce Commission has prepared a report for the Commission in which he finds that the rate charged on denatured alcohol, in carloads, from Harvey and New Orleans, La., to Valparaiso, Ind., was unreasonable and reparation was awarded. This proposed decision is in the case of Chicago Mica Co. against Chicago & Eastern Illinois Railway Co.

Standard Oil Co. of California will install eight Dubbs Cracking Units in the El Segundo refinery. Each unit will have a daily capacity of 3,000 barrels, or a total daily cracking capacity of 24,000 barrels. These are in addition to the large unit in operation and seven large units under construction at their Richmond refinery. Each of these units also has a rated capacity of 3,000 barrels per day.

International Salt Co. and subsidiaries report surplus for 1926 of \$2,071,596, less Federal income taxes for several years, leaving balance \$1,910,941. Earnings of subsidiary companies were, after deductions, \$830,341.

**Sulphur Chloride  
Aluminum Hydrate  
Carbon Tetrachloride  
Sodium Phosphate  
Carbon Bisulphide**



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Ethyl Bromide  
Ethyl Chloride  
Methyl Chloride  
Phenol  
Ferric Chloride  
Bromides  
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Chloroform  
Coumarin  
Methyl Anthranilate  
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**The Dow Chemical Co.**  
**Midland Michigan**

*Branch Sales Offices:*  
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# Import Manifests

## IMPORTS AT NEW YORK

Feb. 21 to 28

**ACIDS**—Butyric, 2 cks., Jungmann & Co., Hamburg; Citric, 150 bbls., Superfos Co., Messina; Coal Tar, 25 drs., American-British Chemical Supply Co., Rotterdam; Crocylic, Order, Hamburg; Formic, 80 carboys, Roessler & Hasslacher Chem. Co., Rotterdam; Oxalic, 75 cks., Roessler & Hasslacher Chem. Co., Rotterdam; Stearic, 40 bgs., M. W. Parsons & Plymouth Co., Rotterdam; Tartaric, 60 cks., H. Hinrichs, Rotterdam

**AMMONIUM**—Fluoride, 25 cks., Jungmann & Co., Hamburg

**ANTIMONY**—50 cks., S. Fulwood, London; Crude, 250 cks., Botelho Bros., Shanghai; 250 cks., Wah Chang Trdg. Corp., Shanghai; 250 cks., Sino Java Handels, Shanghai; Oxide, 250 bgs., Wah Chang Trdg. Co., Shanghai; 50 cks., C. W. Leavitt, Havre; 78 bgs., Wah Chang Trdg. Corp., Changsha; 106 bgs., Canadian Bank of Commerce, St. Nazaire; 120 bgs., Order, Hamburg; Regulus, 500 cks., M. L. Van Norden, Shanghai; 150 cks., H. Hollesen, Hamburg; 200 cks., C. Hardy, Inc., Hamburg; 250 cks., Wah Chang Trdg. Corp., Changsha; 54 cks., International Metals & Mineral Co., Bremen; 250 cks., W. R. Grace & Co., Shanghai; 38 cks., B. F. Drakenfeld, Bremen; 250 cks., Order, Hamburg; Sulphuret, 200 cks., Michelin Co., Havre

**APHYDRIDE**—Phtalique, 1 cs., E. Suter Co., Antwerp

**ARSENIC**—671 bbls., Cia Minera Arsarco S. A., Tannico

**BARIUM**—Chloride, 26 cks., 100 bgs., R. W. Greeff & Co., Antwerp

**BARYTES**—30 bbls., A. Hurst & Co., Hamburg

**BLANC FIXE**—50 cks., A. Klipstein & Co., London

**BORO CARBONE**—100,000 kilos, E. R. Legg, Bordeaux

**BUTYL ALDEHYDE**—7 drs., Kuttroff, Pickhardt & Co., Rotterdam

**CASEIN**—121 bgs., Order, Hamburg

**CHALK**—Precipitated, 250 bgs., H. J. Baker & Bro., Bristol; 228 bgs., H. J. Baker & Bro., Bristol; 1,150 bgs., Nat. City Bank, Antwerp

**CHEMICALS**—20 cks., Eissing Syndicate, Rotterdam; 230 cks., Kidder, Peabody & Co., Rotterdam; 5 cks., Merck & Co., London; 117 cks., Jungmann & Co., Hamburg; 8 cks., Pfaltz & Bauer, Hamburg; 51 cks., Pfaltz & Bauer, Hamburg; 4 bbls., A. Hurst & Co., Genoa; 00 cks., H. Hinrichs, Rotterdam; 2 cks., National Process Co., Rotterdam; 57 bgs., Order, Rotterdam; 3 cks., P. Puttmann, Genoa; 50 cks., Hummel & Robinson, Bremen; 10 cks., Stanley Doggett, Bremen

**CHROMIUM OXIDE**—50 kgs., Order, Glasgow

**CLAY**—30 cks., I. Goebel & Co., Bremen; 35 tons, Moore & Munger, Bristol; 65 cks., Moore & Munger, Bristol

**COBALT METAL**—33 bbls., African Metal Co., Antwerp

**COCHINEAL**—15 bgs., H. Kohnstamm & Co., Liverpool

**COLORS**—9 cks., Eagle Pencil Co., London; 4 cks., Devoe & Reynolds, London; 10 bbls., Fezandie & Sperrle, Hamburg; 25 cks., Reichard Coulston Havre; 60 drs., H. H. Heinrich, Inc., Hamburg; 1 cs., B. P. Drakenfeld, Bremen; 5 bbls., National City Bank, Antwerp; 15 cylinders, Sandoz Chem. Works, Havre; 7 bbls., Garfield Aniline Works, Antwerp; 5 bbls., American Exchange Irving Bank, Antwerp; 2 bbls., B. Bernard, Inc., Antwerp; 17 cks., Geigy Co., Hamburg; 4 cks., 4 cks., General Dyestuff Corp., Rotterdam; 215 bgs., Ciba Co., Havre; Alizarin, 2 cks., General Dyestuff Corp., Rotterdam; 9 cks., General Dyestuff Corp., Rotterdam; Bronze, 11 cs., Gallagher & Ascher, Hamburg; 2 cks., Atlantic Fwdg. Co., Hamburg; 20 cks., B. F. Drakenfeld & Co., Bremen; 7 cks., Hensel, Bruckmann & Lorbacher, Bremen; 8 cks., B. F. Drakenfeld,

Bremen; Coal Tar, 39 cks., General Dyestuff Corp., Rotterdam; Earth, 75 bbls., J. H. Fuman, Leghorn; 7 cks., R. Faust, Rotterdam; 38 cks., Reichard Coulston, Hamburg; 100 bgs., Reichard Coulston Inc., Leghorn; 76 cks., J. Lee Smith & Co., Leghorn; 100 bgs., Reichard Coulston, Inc., Leghorn; 100 bgs., J. Lee Smith & Co., Leghorn; Intermediates, 2 cs., 22 cks., General Dyestuff Corp., Rotterdam; 8 cs., General Dyestuff Corp., Rotterdam

**CRYOLITH**—55 cks., Anglo-South American Trust Co., Havre

**CREOSOTE DISTILLATE**—45 drs., Merck & Co., Hull

**CUTTLEFISH BONE**—14 bbls., F. Vliet, Bordeaux

**DEKOL**—25 cks., General Dyestuff Corp., Rotterdam

**DIETHYL SULFATE**—8 drs., Kuttroff, Pickhardt & Co., Rotterdam

**EXTRACTS**—Archil Liqueur, 10 cks., A. De Ronde & Co., London; Dye, 20 cks., American Dyewood Co., Havre; Logwood, 5 bbls., Domingo Dyewood Co., Santo Domingo

**FULLER'S EARTH**—1,000 bgs., L. A. Salomon & Bro., London

**GALLNUTS**—224 bgs., Zinsser & Co., Shanghai

**GELATINE**—25 cs., P. Puttmann, Rotterdam; 133 bbls., 35 kgs., H. A. Sinclair, Rotterdam; 25 bbls., W. Van Doorn, Rotterdam

**GLUE**—280 bgs., Baring Bros. & Co., Rotterdam; 37 bgs., Pfaltz & Bauer, Hamburg; 200 bgs., S. Isaacs & Co., Hamburg; 500 bgs., Schenckers & Co., Hamburg; 20 bgs., G. H. Hommel, Hull; 50 bgs., Pfaltz & Bauer, Hamburg; 200 bgs., S. Isaacs & Co., Antwerp; 331 pgs., Miller, Antwerp; 15 cks., Hanson & Van Winkle, Antwerp

**GLUESTOCK**—130 bbls., Milligan & Higgins, Glue, Leghorn

**GLYCERIN**—10 drs., G. Uhe, Inc., Rotterdam; 59 drs., Marx & Rawolle, Antwerp; 24 drs., Heemsoth Basse Co., Rio de Janeiro; 100 drs., Procter & Gamble, St. Nazaire; 20 drs., J. W. Hampton, Jr., Co., St. Nazaire

**GRAPHITE**—500 bgs., Asbury Graphite Mills, Havre

**GUMS**—Aloes, 207 cs., Selma Mercantile Corp., Curacao; Arabic, 250 bgs., F. Vliet Co., Port Sudan; 200 bgs., T. M. Duche & Sons, Port Sudan; 100 bgs., Orbis Products Trdg. Co., Port Sudan; Benzoin, 20 cs., F. W. Mead & Co., Hamburg; Chicla, 60 bbls., Thurston & Braidich, Vera Cruz; 21 bbls., H. Triest, Vera Cruz; 529 bbls., Chicla Mexican Exploration Co., Vera Cruz; 770 bbls., Chicla Development Co., Vera Cruz; 1757 bbls., Mexican Exploitation Co., Vera Cruz; 155 bbls., Order, Vera Cruz; Copal, 196 bbls., W. H. Scheel, Macassar; 205 bbls., Paterson, Boardman & Knapp, Macassar; 218 bbls., France, Campbell & Darling, Macassar; 233 bgs., M. L. Van Norden, Macassar; 145 bbls., France, Campbell & Darling, Singapore; 50 cs., 50 bgs., Innes & Co., Singapore; 140 bgs., Kidder, Peabody Acceptance Corp., Antwerp; 700 bgs., Paterson, Boardman & Knapp, Antwerp; 465 bgs., Paterson, Boardman & Knapp, Antwerp; 93 bgs., A. Klipstein & Co., Antwerp; 210 bgs., W. Schall & Co., Antwerp; 20 bgs., Ault & Wiborg, Antwerp; 10 bgs., Order, Antwerp; 14 bgs., L. C. Gillespie & Co., Matadai; 282 bgs., Niger Co., Matadi; 129 bgs., Kidder, Peabody & Co., Macassar; 117 bbls., Kidder, Peabody & Co., Macassar; 74 bbls., M. L. Van Norden, Macassar; 363 bbls., Innes & Co., Macassar; 74 bbls., G. H. Lincks, Macassar; 300 bgs., S. Winterbourne & Co., Antwerp; 40 bgs., Innes & Co., Antwerp; 150 bgs., G. W. S. Patterson & Co., Singapore; 457 bbls., M. L. Van Norden, Macassar; 235 bbls., M. L. Van Norden, Macassar; 535 bbls., W. H. Scheel, Macassar; 606 bbls., France, Campbell & Darling, Macassar; 64 bgs., S. Winterbourne & Co., Antwerp; 134 bgs., W. H. Scheel Padang; 86 bbls., L. C. Gillespie & Sons, Macassar; Damar, 278 pgs., S. Winterbourne, Singapore; 150 bgs., G. W. S. Patterson, Singa-

## Heavy Chemicals and Other Industrial Raw Materials.

pore; 100 bgs., L. C. Gillespie & Sons, Singapore; 50 bgs., Order, Singapore; 200 cs., Standard Bank of South Africa, Batavia; 100 cs., W. H. Scheel, Batavia; 200 cs., G. W. S. Patterson & Co., Batavia; 196 cs., Paterson, Boardman & Knapp, Batavia; 100 cs., Bank of Manhattan Co., Batavia; 100 cs., Innes & Co., Batavia; 100 cs., Bank of Manhattan Co., Batavia; 100 cs., Bank of America, Batavia; 88 bgs., Paterson, Boardman & Knapp, Batavia; 27 bgs., S. Winterbourne & Co., London; 274 bgs., Paterson, Boardman & Knapp, Batavia; 200 cs., Paterson, Boardman & Knapp, Batavia; 100 cs., S. Winterbourne & Co., Batavia

**KAURI**—33 cs., Strook & Wittenberg, Auckland; 75 cs., G. W. S. Patterson & Co., Auckland; 54 cs., A. Klipstein & Co., Auckland; 400 bgs., A. Klipstein & Co., Auckland; 145 cs., Paterson, Boardman & Knapp, Auckland

**IRON OXIDE**—160 bgs., G. Z. Collins & Co., Bristol; 200 bbls., Smith Chemical & Colors Co., Malaga; 78 cks., C. J. Osborn & Co., Bristol; 100 bbls., C. J. Osborn & Co., Malaga; 80 bbls., Reichard Coulston, Inc., Malaga; 30 bbls., J. Lee Smith & Co., Hull; 15 bbls., E. M. & F. Waldo, Liverpool; 25 bbls., J. A. McNulty, Liverpool; 15 bbls., J. A. McNulty, Liverpool; 46 bbls., Smith Chem. & Color Co., Malaga; 20 bbls., R. J. Waddell & Co., Liverpool; 100 bbls., E. M. & F. Waldo, Malaga; 587 bbls., C. K. Williams & Co., Malaga

**LITHOPONE**—25 cks., African Metals Co., Antwerp; 500 cks., B. Moore & Co., Rotterdam; 40 cks., A. Klipstein & Co., Antwerp

**MAGNESITE**—37,381 bgs., Harrison, Walker Refractories Co., Trieste; 6,000 bgs., Order, Madras; Calcined, 73 bbls., L. A. Salomon & Bro., Antwerp

**MAGNESIUM**—Carbonate, 25 cs., A. Hurst & Co., Liverpool; Chloride, 268 drs., American Express Co., Hamburg

**MANGANESE ORE**—2,473 bgs., Brown & Roese Santiago

**METHANOL**—342 drs., Kuttroff, Pickhardt & Co., Rotterdam; 26 drs., E. I. du Pont de Nemours Co., Rotterdam

**MYROBALANS**—3,003 pkts., Hammond & Carpenter, Calcutta; 1,120 pkts., Bingham & Co., Calcutta; 3,600 pkts., Armour Co., Calcutta

**NAPHTHALENE**—1 cs., E. Suter & Co., Antwerp; 700 bgs., A. Klipstein & Co., Antwerp; 100 bgs., Innis, Speiden & Co., Hamburg

**NUX VOMICA**—256 bgs., Gordon, Woodruffe & Co., Coconada

**OILS**—Chinawood, 300 tons, L. C. Gillespie & Sons, Hankow; 100 drs., W. R. Grace Co., Shanghai; 150 drs., Paterson, Boardman & Knapp, Shanghai; Coconut, 1,70 tons, Spencer Kellogg & Sons, Manila; 775 tons, Order, Manila; Cod, 200 drs., Mitsui & Co., Yokohama; 32 cks., R. Badcock & Co., St. Johns; 100 bbls., National Oil Products Co., Hull; 300 bbls., R. Badcock & Co., Hull; 60 bbls., Fontana Bros., Hull; Cod Liver, 230 bbls., E. R. Squibb & Sons, St. Johns; 20 bbls., R. Badcock & Co., Liverpool; 7 bbls., Mead, Johnson & Co., St. Johns; 200 cks., National Oil Products Co., St. Johns; Linseed, 189 drs., W. Van Doorn Co., Rotterdam; 100 bbls., M. Daragh & Sons, Rotterdam; 86 bbls., Cheaman, Elliot & Co., Rotterdam; Olive, 100 cs., Anglo-South American Trust Co., Seville; 50 drs., F. Martin, Seville; 275 cs., P. Pastene & Co., Genoa; 50 cs., Maniello Bros., Genoa; 100 cs., P. Parlato, Genoa; 50 cs., La Montagne, Inc., Southampton; 100 cy., Guaranty Trust Co., Marseilles; 65 cs., J. Wile & Son, Lyons; 25 drs., F. Romeo & Co., Malaga; 125 drs., Rhode Island Hospital & Trust Co., Malaga; 50 bbls., Bank of America, Malaga; 59 drs., Equit. Trust Co., Malaga; 275 drs., Brewer & Co., Malaga; 50 drs., Madison State Bank Malaga; 50 cs., C. H. Arnold & Co., Bordeaux; 500 cs., F. Romeo & Co., Leghorn; 150 cs., F. Martin, Seville; 300 cs., 10 drs., General Olive Oil Co., Seville; 100 cs., B. Spiliades & Co., Seville; 100 drs., Moschides Bros., Seville; 250 cs., F. M. Ferrari, Genoa; 100 cs., T. Pipitone, Genoa; 150 cs., D. & A. Sclafani, Genoa; 100 cs., Ader & Balamut, Genoa; 100 cs., S. Jacobs,

Genoa; 125 cs., Cellas, Inc., Genoa; 315 cs., Ossola Bros., Genoa; 400 cs., Sausage Mfg. Co., Genoa; 55 cs., R. U. Delapenha, Genoa; 100 cs., G. Sasso & Sons, Genoa; 300 cs., Parisi Bros., Genoa; 165 cs., Von Bremen & Asche, Genoa; 50 cs., Courmalis & Co., Genoa; 100 cs., P. Pastene & Co., Genoa; 200 cs., R. Cascardo, Genoa; **Palm**, 687 drs., 503 tons, Niger Co., Matadi; 29 cks., Rayner & Stonington, Liverpool; 2,000 lbs., Niger Co., Belawan; 256 bbls., Stein, Hall & Co., Belawan; **Rapeseed**, 95 bbls., National Oil Products Co., Hull; 50 bbls., Fontana Bros., Hull; 300 drs., Mitsui & Co., Kobe; 230 drs., Mitsui & Co., Kobe; **Sesame**, 50 drs., I. C. Francesconi & Co., Rotterdam; **Sperm** 50 bbls., Order, Glasgow; **Sulphur**, 100 bbls., H. W. Peabody & Co., Catania; 100 bbls., E. M. Sergeant & Co., Catania; 2 tanks, Palmolive Co., Catania; 100 drs., Leghorn Trdg. Co., Seville; 50 drs., H. W. Peabody & Co., Seville; 500 bbls., H. W. Peabody & Co., Naples; 150 bbls., Leghorn Trdg. Co., Leghorn; 400 bbls., Leghorn Trdg. Co., Catania; 105 bbls., E. M. Sergeant & Co., Catania; 250 bbls., Royal Bank Canada, Catania; 500 bbls., Nat. City Bank, Catania; 200 bbls., Leghorn Trdg. Co., Messina

**CHRE**—80 cks., Scott L. Libby, Marseilles; 596 cks., Reichard Coulston, Inc., Marseilles; 960 bgs., F. B. Vandegrift & Co., Calcutta

**PHOSPHATE DIOXIDE**—218 cks., Rhodia Chem. Co., Rotterdam

**POTASSIUM—Bromide**, 10 cs., Superfos Co., Hamburg; **Carbonate**, 68 cks., Bank of America, Bremen; **Caustic**, 137 drs., Roessler & Hassla her Chem. Co., Hamburg; 41 drs., A. Klipstein & Co., Hamburg; 123 drs., Innis, Speiden & Co., Hamburg; 185 drs., Superfos Co., Hamburg; **Chlorate**, 800 cks., Uniform Chem. Products Co., Hamburg; 75 cks., Uniform Chem. Products Co., Hamburg; **Metabisulfite**, 30 cks., Jungmann & Co., Hamburg; **Nitrate**, 580 bgs., Kuttroff, Pickhardt & Co., Hamburg; **Prussiate**, 100 cks., American Cyanamid Co., Hamburg

**QUICKSILVER**—3 flasks, Heyden Chem. Co., Vera Cruz; 30 flasks, Carr Bros., Vera Cruz; 23 flasks, Hass Bros., Vera Cruz; 400 flasks, Leghorn Trdg. Co., Leghorn

**SAL AMMONIAC**—70 cs., Wing & Evans, Liverpool; 10 cs., Philip Bauer, Rotterdam; 160 cks., Kuttroff, Pickhardt & Co., Rotterdam

**SHELLAC**—94 cs., C. F. Gerlach, Rotterdam; 66 bgs., A. Hurst & Co., Hamburg; 25 cs., 100 bgs., H. W. Peabody & Co., Calcutta; 850 bgs., MacLac Co., Calcutta; 100 bgs., American Exchange Nat. Bank, Calcutta; 500 bgs., Goldman, Sachs & Co., Calcutta; 350 bgs., Bank of London & South America, Calcutta; 160 cs., Rogers, Pyatt Shellac Co., Calcutta; 150 bgs., H. W. Peabody & Co., Calcutta; 500 bgs., Ralli Bros., Calcutta; **Garnet**, 1,000 bgs., H. W. Peabody & Co., Calcutta; 50 cs., Rogers, Pyatt Shellac Co., Calcutta; 25 bgs., Ralli Bros., Calcutta; **Seedlac**, 200 bgs., American Exchange Nat. Bank, Calcutta; 75 bgs., Ralli Bros., Calcutta

**SODIUM—Caustic**, 19 cs., Eimer & Amend, Gothenburg; 10 cs., Pfaltz & Bauer, Gothenburg; 20 cs., Mallinckrodt Chem. Works, Gothenburg; **Cyanide**, 1,120 cans, C. Hardy, Inc., Havre; **Fluoride**, 34 bbls., National Shawmut Bank, Hamburg; **Hydro sulfite**, 50 cks., H. A. Metz, Rotterdam; **Nitrate**, 13,620 bgs., W. R. Grace & Co., Iquique; 518 bgs., Kuttroff, Pickhardt & Co., Hamburg; **Phosphate**, 165 cks., Roessler & Hassla her Chem. Co., Rotterdam; 100 bbls., Innis, Speiden & Co., Antwerp; **Silico Fluoride**, 20 cks., Jungmann & Co., Hamburg; 125 cks., Innis, Speiden & Co., Rotterdam

**SUMAC**—700 bgs., R. Neuman & Co., Palermo; 350 bgs., E. E. Androvette, Palermo; 350 bgs., E. M. Sergeant Co., Palermo; 350 bgs., Phelps Bros., Palermo; 40 bgs., Orden Palermo

**TALC**—300 bgs., C. B. Chevstal Co., Bordeaux; 1200 bgs., C. Mathieu, Genoa; 200 bgs., Whittaker, Clark & Daniels, Bordeaux; 400 bgs., C. B. Chevstal Co., Bordeaux; 400 bgs., L. A. Salomon & Bros., Bordeaux; 500 bgs., Hammi & Gillespie, Bordeaux; 500 bgs., L. A. Salomon & Bros., Bordeaux; 300 bgs., Whittaker, Clark & Daniels, Bordeaux; 200 bgs., C. B. Chevstal, Inc., Bordeaux; 1 ck., Southern Lava Co., Bordeaux

**TAPIOCA—Flake**, 221 bgs., Stein, Hall & Co., Sourabaya; **Flour**, 788 bgs., Stein, Hall & Co., Batavia; 207 bgs., Stein, Hall & Co., Sourabaya; 1,151 bgs., Bankers Trust

Co., Batavia; 3,035 bgs., Stein, Hall & Co., Sourabaya; 12 bgs., Stein, Hall & Co., Sourabaya; 275 bgs., Irving Bank-Columbia Trust Co., Sourabaya; 6,343 bgs., Stein, Hall & Co., Sourabaya; 1,362 bgs., International Banking Corp., Batavia; 250 bgs., Catz American Co., Batavia; **Pearl**, 778 bgs., Stein, Hall & Co., Sourabaya; 106 bgs., Catz American Co., Batavia; **Seed**, 312 bgs., Stein, Hall Co., Sourabaya

**TARTAR**—28 cks., Tartar Chem. Works, Naples; 559 bgs., C. Pfizer & Co., Naples; 200 bgs., Tartar Chem. Works, Marseilles; 115 bgs., Royal Baking Powder Co., Bordeaux; **Emetic**, 13 bbls., Superfos Co., Genoa

**ULTRAMARINE BLUE**—18 bbls., Kentler Bros., Antwerp

**UMBER EARTH**—25 bbls., R. J. Waddell & Co., Leghorn

**VALONIA**—5,800 bgs., Order, Salonica

**WAX—Animal**, 11 bgs., F. Murray Hill, Tampico; 10 bgs., A. Hurst & Co., Hamburg; **Bees**, 14 bgs., Independence Freight Co., Danzig; 14 bgs., Italia America Shpg. Co., Naples; 34 bgs., Atlantic Bank of Commerce, Hamburg; 28 bgs., Guaranty Trust Co., Hamburg; **Candellila**, 40 bgs., C. W. Jacob & Allison, Tampico; **Mineral**, 10 bgs.,

Lunham & Reeve, Hamburg; **Montan**, 1,850 bgs., Strohmeier & Arpe, Gravosa; **Vegetable**, 200 bgs., Borne, Scrymser Co., Hamburg

**WHITING**—100 bgs., Whittaker, Clark & Daniels, Hull

**WOOFFLOUR**—200 bgs., Speiden, Whitfield Co., Rotterdam; 300 bgs., H. J. Baker & Bro., Rotterdam

**WOOL GREASE**—3 kegs, Gerhard & Hey, Hull; 100 cks., Pfaltz & Bauer, Hamburg; 150 bbls., Pfaltz & Bauer, Bremen

**ZINC OXIDE**—30 bbls., Philipp Bros., Antwerp; 25 cks., African Metals Corp., Rotterdam

#### IMPORTS AT PHILADELPHIA

Feb. 17 to 23

**ACID—Formic**, 74 carboys, Order, Rotterdam

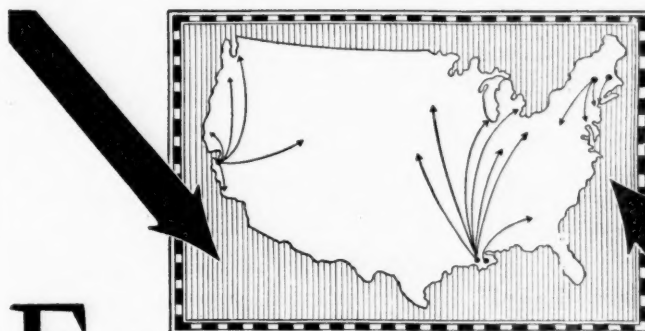
**AMMONIA—Muriate**, 254 cks., Order, Rotterdam; 30 cks., Order, Rotterdam

**ARSENIC**—100 cks., Chase Nat'l Bk., Hamburg; 50 cks., Order, Hamburg

**BAUXITE—Residue**, 503,918 kilos, Frank. 4th St. Nat'l Bk., Hamburg

**BONE MEAL**—1,104 bags., Order, Hamburg

**CELLULOSE**—8 cks., O. G. Hempstead & Co., Rotterdam



# Follow the arrow

A close-to-you **AMERSOL** Warehouse means prompt deliveries

**N**ORTH, South, East or West—no matter where your plant is located there is an Amersol branch office and warehouse at your very doorstep.

Follow the arrow on the map. The nearest Amersol office and warehouse to your plant may be Cleveland, Kansas City or Chicago. But, wherever that office may be, it is only a few hours away in shipping time. And you know that your orders will be promptly filled. Large stocks always on hand insure this.

There are other advantages incident to using Amersol Alcohol and related products—that of quality, for instance. Ask the nearest Amersol office to quote on your next requirements.

#### Sales Offices & Warehouses at

Albany, N. Y. . . . . 1 Broadway  
Atlanta, Ga. . . . . 14 South Prior Street  
Chicago, Ill. . . . . 122 South Michigan Avenue  
Cincinnati, Ohio . . . . . 4609 Eastern Avenue  
Cleveland, Ohio . . . . . 825 Engineers Building  
Denver, Colo. . . . . 1202 A. C. Foster Building  
Detroit, Mich. . . . . Book Building  
Everett, Mass. . . . . 20 Elm Street  
Harvey, La. . . . . P. O. Box 1530  
Indianapolis, Ind. . . . . 31 E. Georgia Street  
Kansas City, Mo. . . . . 2018 Gunotte Avenue  
Los Angeles, Calif. . . . . 821 Traction Avenue  
New Orleans, La. . . . . Diana and Brooklyn Streets  
Philadelphia, Pa. . . . . 112 North Front Street  
Pittsburgh, Pa. . . . . 620 Empire Building  
Portland, Ore. . . . . 474 Johnson Street  
St. Paul, Minn. . . . . 2303 Hampden Avenue  
San Francisco, Calif. . . . . 110 Sutter Street  
Seattle, Wash. . . . . 617 Western Avenue

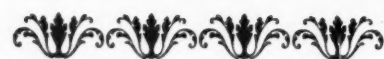


## AMERICAN SOLVENTS & CHEMICAL CORPORATION

EXECUTIVE OFFICES: 285 Madison Ave., New York

Harvey, La.      Everett, Mass.      New Orleans, La.      Agnew, Calif.      Albany, N. Y.





# Denatured Alcohol

ALL  
FORMULAS

## Fillers

WHITING — XXX,  
Superfine, 313, Caltex.  
MAGNESIA — Car-  
bonate, Oxide, Tech-  
nical & U.S.P., Light  
& Heavy.

## Phenol

Para-Chlor-Phenol  
Para-Chlor-o-Amido-  
Phenol  
Ortho-Chlor-Phenol  
2:4-Di-Chlor-Phenol

# Wood Chemicals

Acetate of Lime  
Methanol  
Acetone  
Formaldehyde

**WM. S. GRAY & CO.**  
342 Madison Avenue  
New York City  
Tel. Vanderbilt 0500



**CHALK**—3,000 tons, Brown Bros. & Co., Lon-  
terdam; **Soya Bean**, 25 bbls., Order, Rot-  
terdam  
**CHEMICALS**—23 bbls., Order, Hamburg; 4  
cs., Order, Hamburg; 1 drum, Order, Ham-  
burg; 80 balloons, Roessler & Hasslacher  
Chem. Co., Rotterdam; 188 hampers, 10 cs.,  
73 cks., Order, Hamburg  
**CHINA CLAY**—3,604 tons, 14 cwt., Order,  
Fowey; 148 tons, 19 cwt., Order, Fowey; 25  
tons, Order, Fowey  
**COPAL**—60 bags, Brown Bros. & Co., Ant-  
werp  
**EPSOM SALTS**—39 bbls., Order, Hamburg  
**GLYCERINE**—20 drs., Order, Hamburg; 10  
cs., Order, Havre; **Soap Lye**, 40 drs., Har-  
shaw, Fuller & Goodwin, Rotterdam; **Dyna-  
mite**, 100 drs., Order, Rotterdam; 41 drs.,  
Order, Hamburg  
**GUM—Ester**, O. G. Hempstead & Son, Rot-  
terdam  
**MAGNESITE**—37,381 bgs., Harbison, Walker  
Refractories Co., Trieste  
**METHYLANOS**—21 drs., O. G. Hempstead &  
son, Rotterdam  
**MOLASSES**—840,000 gals., U. S. Food Pdts.  
Car Line Co., Danzig  
**NAPHTHALINE—Crude**, 4,130 bgs., Order,  
Antwerp  
**OIL—Palm**, 40 cks., African & East Trading  
Co., Hamburg; **Palm Kernel**, 70 cks., Order.  
**ORE—Iron**, 6,650 tons, Phila. Girard Nat'l  
Bk., Bizerta; 40 bbls., Order, Malaga  
**PLASTER POWDER**—41 cks., Order, Havre  
**POTASH**—28 cks., Order, Hamburg; **Muriate**,  
250 bgs., Order, Hamburg; 3,800 bgs., Soc.  
Com'l des Pot. Alsace, Antwerp; 1,250 bgs.,  
Soc. Com'l des Pot. Alsace, Antwerp;  
**Prussiate**, 17 cks., Order, Hamburg; **Sul-  
fate**, 200 bgs., Soc. Com'l des Pot. Alsace,  
Antwerp  
**PYRITES ORE**—5,755,570 kilos, Pyrites Com-  
pany, Huelva; 3,057,250 kilos, Pyrites Com-  
pany, Huelva  
**SODIUM—Bifluoride**, 50 cks., Order, Rotter-  
dam; **Bisulfide**, 100 drs., Harshaw, Fuller  
& Goodwin, Antwerp; **Fluoride**, 50 cks., W.  
R. Grae & Co., Rotterdam; **Phosphorus**, 50  
cks., Order, Rotterdam; **Phosphat**, 134 cks.,  
Innes, Spieden Co., 4 bbls., Order, Ant-  
werp  
**ULTRAMARINE BLUE**—40 bbls., Order,  
Antwerp  
**WOOL GREASE**—100 bbls., Carn Exchange  
Nat. Bk., Hamburg  
**ZINC—Oxide**, 155 bbls., Philipp Bros. Co.,  
Antwerp  
don; 593 bags, Order, Antwerp

### IMPORTS AT BALTIMORE Feb. 18 to 24

**BAUXITE**—1,190,200 lbs., F. H. Shallus Co.,  
Ala., Rotterdam  
**BEET PULP, Dried**, 2,240 bgs., F. H. Shall-  
us Co., Winona County, Liverpool  
**BONE—Precipitate**, 250 bgs., 55,000 lbs., F. H.  
Shallus Co., Ala., Antwerp  
**CHALK**—300 bgs., 66,660 lbs., William H.  
Masson, Ala., Antwerp; 600 bgs., 66,990 lbs.,  
F. H. Shallus Co., Ala., Antwerp; 900 bgs.,  
99,000 lbs., F. H. Shallus Co., Ala., Ant-  
werp  
**CHEMICALS**—200 bbls., 41 tons, Sharp &  
Dohme, Winona County, Liverpool; 25 cks.,  
15,455 lbs., Roessler & Hasslacher Chemical  
Co., Ala., Rotterdam; 269 cks., F. H. Shall-  
us Co., Stadsdijk, Rotterdam; 1,000 bgs.,  
Roessler & Hasslacher Chemical Co., Stads-  
dijk, Rotterdam; 3,000 bgs., Paul Uhlich &  
Co., Inc., New York, Stadsdijk, Rotterdam  
**CLAY**—58 cks., F. H. Shallus Co., Goettin-  
gen, Bremen; 70 cs., F. H. Shallus Co.,  
Goettingen, Bremen; **Burnt**, 420 bgs., H. A.  
Robinson, Winona County, Liverpool; **Raw**,  
10 cks., H. A. Robinson, Winona County,  
Liverpool  
**FLUORSPAR**—979,000 lbs., Order, Goettingen,  
Bremen; 450 bgs., Ore & Chemical Corp.,  
Goettingen, Bremen  
**FULLER'S EARTH**—250 bgs., L. A. Salomon  
& Bro., Nevisian, Liverpool  
**GELATINE**—30 bales, 2,100 lbs., M. S. Levy  
& Sons, Sangamon, Marseilles  
**GUM—KERATON**—100 bgs., Samuel Shapiro  
& Co., Rexmore, Liverpool  
**LIME—Chlorinated**, 115 cases, 17 tons, Ameri-  
can Express Co., Winona County, Liver-  
pool; 75 cs., H. Kohnstamm & Co., Inc.,  
Rexmore, Liverpool; **Phosphate of**, 1,000  
bgs., 220,000 lbs., F. H. Shallus Co., Ala.,  
Antwerp  
**MOLASSES**—556,920 gals., Order, Athelmer-  
e, Naskov

**NITROGENOUS MATERIAL**—180 bgs., F. H.  
Shallus Co., Goettingen, Bremen  
**ORE—Chrome**, 3,200 tons, Bethlehem Steel  
Corp., Felix, Port Tarafa; **Iron**, 20,000 tons,  
Bethlehem Steel Corp., Steelore, Cruz  
Grande; 19,800 tons, Bethlehem Steel Corp.,  
Bethore, Cruz Grande 2,000 tons, Bethle-  
hem Steel Corp., Santore, Felton; 500 tons,  
C. K. Williams & Co., Coelleda, Avon-  
mouth; 20,000 tons, Bethlehem Steel Corp.,  
Lebore, Cruz Grande  
**OIL**—1 box, 70 gals., Baltimore & Ohio R. R.,  
Winona County, Liverpool; 2 cs., 100 lbs.,  
Nathan Musher, Sangamon, Marseilles;  
**Olive**, 360 cs., 74,107 lbs., Baltimore Trust  
Company, Sangamon, Marseilles; 54 cases,  
4,871 lbs., M. B. Carlin, Sangamon;  
Palermo; 26 cases, 3,260 lbs., John S.  
Connor, Sangamon, Palermo; **Palm**, 50 bbls.,  
Baltimore Butterine Co., Stadsdijk, Rotter-  
dam  
**PEATMOSS**—100 bbls., Baltimore & Ohio R.  
R., Goettingen, Bremen  
**PEATMULL**—135 bbls., Atkins & Durbrow,  
New York, Goettingen, Bremen  
**POTASH—Sulfate**, 300 bgs., 59,875 lbs., French  
Potash Syndicate, Ala., Antwerp  
**PYRITES**—7,347 tons, Davison Chemical Co.,  
Induna, Huelva  
**SEED—Caraway**, 100 bgs., William H. Mas-  
son, Stadsdijk, Rotterdam; **Mustard**, 250  
bgs., Finnis & Co., Nevisian, Liverpool; 300  
bgs., Order, Nevisian, Liverpool; 250 bgs.,  
F. H. Shallus Co., Nevisian, Liverpool  
**SODA—Ar enate of**, 90 cks., F. H. Shallus  
Co., Rexmore, Liverpool  
**SOAP**—2 cs., F. Schouten, Ala., Antwerp  
**WOOL GREASE**—400 bbls., Kidder, Peabody  
Acceptance Corp., Goettingen, Bremen; 200  
bbls., American Trust Co., Goettingen,  
Bremen; 100 bbls., 47,300 lbs., Samuel Sha-  
pire & Co., Ala., Antwerp  
**ZINC OXIDE**—85 bbs., 23,727 lbs., William H.  
Masson, Ala., Antwerp

### IMPORTS AT NEW ORLEANS Feb. 18 to 25

**BAUXITE**—2,519 tons, Republic Mining Co.,  
Paramaribo; 2,330 tons, Georgetown  
**BONE MEAL**—1,875 sks., Order, Antwerp  
**FULLER'S EARTH**—533 sks., Order, London  
**FERRO-MANGANESE**—100 tons, Order, Liver-  
pool  
**GUM—Chicle**, 306 bales, I. C. R. R., Vera  
Cruz; 2,000 bales, Chicle Development Co.,  
Conzumel  
**LIME—Chlorinated**, 100 cs., Order, Liverpool  
**MOLASSES**—1,300,000 gals., Leon Pfeiffer,  
Port Tarafa  
**OIL—Olive**, 368 bbls., Order, Valencia; 30  
cs., Order, Marseilles  
**QUEBRACHO EXTRACT**—100 cs., Order,  
Buenos Aires  
**SEED—Grape**, 150 sks., Order, Bremen  
**SODA—Caustic**, 517 drums, Order, Liverpool

### Exports from New York

**ACETONE**—6 drs., Feb. 5, Melbourne  
**ACIDS**—10 bbls., Jan. 29, Cristobal; **Citric**,  
11 kegs, Jan. 25, Punta Arenas; 2 kegs,  
Jan. 29, Havana; **Muriatic**, 10 carboys, Jan.  
28, Cartagena; 347 carboys, Feb. 10, Guan-  
tanamo; 200 carboys, Feb. 7, Vita; **Nitric**,  
6 cs., Feb. 3, San Antonio; 17 carboys, Feb.  
3, Callao; **Picric**, 1 cs., Jan. 12, Panama;  
**Phosphoric**, 1 cs., Feb. 3, Iquique; **Tartaric**,  
2 kegs, Jan. 26, Mollendo; **Stearic**, 25 bgs.,  
Jan. 25, Acapulco; 13 bgs., Jan. 12, Amapala;  
55 bgs., Feb. 8, Pto. Colombia; **Sulphuric**,  
2 cs., Feb. 4, Corinto; 15 drs., Feb. 8, Cal-  
lao; 3 drs., Feb. 3, Salaverry  
**AMMO**—560 bgs., Feb. 11, Batavia; 18 bgs.,  
Jan. 25, Kingston  
**AMMONIA—Anhydrous**, 10 cyl., Jan. 26,  
Tampico; 10 cyl., Jan. 28, Santiago; **Ch'o-  
ride**, 5 cs., Jan. 26, Callao; **Hydroxide** 2 drs.,  
Jan. 26, Callao  
**AMMOPHOS**—11 bgs., Jan. 25, Port au Prince  
**AMOLIN**—1 cs., Jan. 28, Southampton  
**ASPHALT**—20 bbls., Jan. 12, Punta Arenas;  
19 bbls., Jan. 12, Cristobal; 76 bbls., Feb.  
12, Melbourne; 35 drs., Feb. 1, Batavia;  
603 drs., 905 bbls., Feb. 2, Bombay; 1,452  
drs., Feb. 2, Colombo; 50 drs., Jan. 28, Ant-  
werp  
**BONE ASH**—156 bbls., Feb. 3, San Antonio  
**BUTYL ALCOHOL**—7 drs., Jan. 8, London  
**CALCIMO**—10 kegs, 622 cs., Feb. 2, Bris-  
bane; 105 cs., Feb. 2, Perth; 760 cs., Feb. 12,  
Melbourne

**CALCIUM**—Arsenate, 5 drs., Feb. 8, Callao; Carbide, 200 drs., Feb. 10, Santiago; 20 drs., Jan. 25, Corinto; 20 drs., Feb. 2, Colombo; 5 drs., Jan. 26, Molendo; 250 drs., Jan. 29, Santo Domingo; Chloride, 75 drs., Feb. 7, Havana; 20 drs., Jan. 25, Cartagena; 8 drs., Feb. 9, Brisbane

**CARBON**—Sulfide, 3 drs., Jan. 26 Valparaiso

**CASEIN**—1 drum, 4 bbls., Jan. 8, London

**CHLORINE**—40 cyl., Feb. 3, Callao; 2 cyl., Feb. 8, Callao

**COAL TAR**—40 cans, Feb. 3, Salaverry

**COLORS**—0 cs., Feb. 7, Havana; 10 bbls., Feb. 3, Bombay; 18 kegs, 1 cs., Jan. 26, Vera Cruz; 1 keg, 1 bbl., Jan. 26, Vera Cruz

**COPPER**—Oxide, 100 brks., Jan. 26, Tampico; Sulfate, 445 bbls., Feb. 3, Callao

**CORN FLOUR**—20 cs., Jan. 26, Progresso; 900 cs., Jan. 29, Guayaquil; 40 cs., Jan. 29, Molendo; 75 cs., Jan. 29, Buenaventura; 55 cs., Jan. 29, Champerico; 56 bbls., Feb. 4, Pto. Mexi o; 500 sks., Jan. 24, Glasgow

**CORNSTARCH**—15 cs., Jan. 29, Asuncion; 100 cs., Jan. 26, Vera Cruz; 51 cs., Jan. 28, Santiago; 103 cs., Jan. 28, Santiago; 10 bbls., Jan. 25, Punta Arenas; 6 bbls., Jan. 25, Corinto; 8 bbls., Jan. 25, Amapala; 150 cs., Feb. 11, Sourabaya; 25 cs., Feb. 1, Macassar; 20 cs., Feb. 11, Cheribon; 30 bgs., Feb. 2, Muscat; 440 bgs., Feb. 2, Aden; 100 bbls., Jan. 25, Pto. Colombia; 250 bgs., Jan. 25, Pto. Colombia; 10 cs., Feb. 3, Talara; 10 cs., Jan. 29, Sanchez; 10 cs., Jan. 29, Macoris; 6 cs., Feb. 10, Guantamano; 35 cs., Jan. 25, Cristobal; 500 bgs., Jan. 29, Havana

**CORN SUGAR**—50 bbls., Feb. 11, Cheribon; bbls., Feb. 2, Madras; 75 bbls., Jan. 28, Antwerp; 10 bbls., Jan. 29, Guayaquil; 2 cs., 60 bbls., Feb. 5, Melbourne; 120 bbls., Feb. 3, London

**CORN SUGER**—50 bbls., Feb. 11, Cheribon; 0 bgs., Feb. 3, Middlesex

**CYANIDE**—250 drs., Jan. 26, Vera Cruz; 280 drs., Feb. 4, Manzanillo; 400 drs., Feb. 4, Mazatlan; 58 drs., Jan. 25, Corinto; 300 drs., Jan. 25, Mazatlan; 100 drs., Feb. 3, Salaverry

**DEXTRINE**—54 bgs., Feb. 10, Bristol; 30 bgs., Jan. 26, Tampico; 100 bgs., Feb. 9, Copenhagen; 2 cs., Feb. 5, Melbourne; 25 bgs., Feb. 3, Middlesex

**DYES**—192 drs., Feb. 3, Kobe; 50 boxes, 321 bbls., Feb. 3, Kobe

**DYESTUFFS**—2,710 drs., 2,959 boxes, Feb. 3, Shanghai; 50 kegs, Feb. 11, Sourabaya; 109 drs., Jan. 26, Vera Cruz; 2 drs., 5 bbls., Feb. 9, Milan

**EPSOM SALTS**—10 kegs, Jan. 28, Pto. Colombia

**EXTRACTS**—Dyewood, 100 bbls., Jan. 24, Glasgow; Tanning, 8 bbls., Jan. 28, Kingston; 200 bgs., Jan. 28, Pto. Colombia; 10 bbls., Feb. 5, Melbourne

**FERRO SILICON**—11 bbls., Feb. 8, Callao; FORMALDEHYDE—5 bbls., Feb. 12, Brisbane

**FULLER'S EARTH**—176 bgs., Feb. 2, Suez

**GLAUBER SALTS**—12 bgs., Feb. 3, Molendo

**GLUCOSE**—30 bbls., Jan. 28, Southampton; 120 bbls., Jan. 28, Vera Cruz; 60 bbls., Feb. 9, Copenhagen; 4 bbls., Feb. 9, Molendo

**GUMS**—Arabic, 10 bgs., Feb. 8, Guayaquil

**INSULIN**—1 cs., Jan. 25, Cristobal

**KRESO**—8 cs., Feb. 3, Salaverry; 16 cs., Feb. 3, Callao; 1 cs., Feb. 3, Molendo; 1 cs., Feb. 3, Arica; 10 cs., Feb. 3, Cartagena; 3 drs., 19 cs., Feb. 11, Pto. Barrios; 45 cs., Feb. 4, La Libertad

**LEAD**—Arsenate, 40 drs., Feb. 2, Adelaide; 14 drs., Feb. 3, Molendo

**LINSEED OILCAKE**—5,243 bgs., Jan. 28, Antwerp

**NICOTINE**—Sulfate, 3 cs., Jan. 29, Nueva Gerona; 30 cs., Feb. 3, Callao

**NITROUS OXIDE GAS**—1 crate, Feb. 2, Brisbane

**OCHRE**—20 kegs, Jan. 28, Pto. Colombia

**OILS**—Castor, 69 cs., Jan. 26, Vera Cruz; 10 cs., Feb. 4, Amapala; 5 cs., Feb. 5, Banes; Coal Tar, 2 drs., Feb. 1, Gothenburg; Coconut, 10 cs., Feb. 11, Sourabaya; Cottonseed, 68 drs., Jan. 29, Buenaventura; 50 cs., Jan. 26, Havana; Linseed, 100 drs., Jan. 26, Callao; 5 drs., Feb. 4, Pto. Colombia; 10 drs., Feb. 7, Havana; 10 drs., Feb. 8, Pto. Colombia; 10 drs., Feb. 8, Buenaventura

**PARAFFINE**—150 bgs., Feb. 9, Genoa; 100 bbls., Jan. 28, Pto. Colombia; 10 bgs., Feb. 4, Corinto; 150 bgs., Feb. 4, Champerico; 200 bgs., Jan. 25, Acapulco; 150 bgs., Jan. 25, Champerico; 30 bgs., Jan. 12, Punta Arenas; 52 bgs., Jan. 12, Amapala; 200 bgs., Jan. 12, Acapulco; 100 bgs., Jan. 12, Champerico; 100

bgs., Jan. 12, Acapulco; 100 bgs., Feb. 11, Sourabaya; 200 bgs., Feb. 11, Batavia; 250 bgs., Feb. 11, Semarang; 100 bgs., Feb. 11, Cheribon; 58 bbls., Feb. 9, Copenhagen; 100 bgs., Jan. 25, Mazatlan; 469 bgs., Feb. 5, Melbourne

**PHOSPHORUS**—Sesquisulfide, 4 cs., Feb. 8, Buenaventura

**PINE TAR**—20 bbls., Feb. 2, Brisbane

**POTASSIUM SALTS**—Caustic, 15 drs., Jan. 26, Tampico; Chlorate, 15 kegs, Jan. 28, Pto. Colombia; 50 drs., Feb. 7, Havana; 2 kegs, Feb. 8, Guayaquil; 10 kegs, Jan. 29, Havana; Xanthate, 40 drs., Jan. 26, Callao; 3 drs., Feb. 3, Valparaiso; 40 drs., Feb. 8, Callao

**QUICKLIME**—440 drs., Jan. 25, Cartagena

**ROSIN**—4 bgs., Jan. 12, Panama

**SODIUM SALTS**—300 bbls., Feb. 7, Havana; Ash, 697 bbls., Jan. 29, Buenaventura; 100 bbls., Feb. 5, Melbourne; 12 bbls., Feb. 11, Macassar; Bicarbonate, 20 kegs, Jan. 28, Pto. Colombia; 10 kegs, Jan. 29, Macoris; 2 cs., Jan. 29, Port Limon; 4 kegs, Feb. 4, Amapala; 25 kegs, Feb. 4, La Libertad; 20 kegs, Feb. 4, Libertad; 10 bbls., Feb. 4, Guatemala; Caustic, 100 drs., Feb. 11, Sourabaya; 250 drs., Feb. 11, Sourabaya; 25 drs., Jan. 25, Cartagena; 88 drs., Jan. 26, Tampico; 100 drs., Jan. 25, Manzanillo; 5 drs., Jan. 29, Santo Domingo; 48 drs., Jan. 29, Macoris; 160 drs., Feb. 3, Tocopilla; 10 drs., Feb. 3, Arica; 20 drs., Feb. 3, Callao; 100 drs., Feb. 7, Havana; 100 cs., Feb. 7, Havana; 10 drs., Jan. 25, Panama; 125 bbs., Jan. 25, Panama; 25 cs., Jan. 12, Cristobal; 100 drs., Jan. 25, Cartagena; Cyanide, 12 cs., Feb. 11, Padang; Hyposulfite, 10 bbls., Jan. 26, Molendo; Silicate, 30 drs., Jan. 29, Santo Domingo; 500 bgs., Feb. 7, Havana; 20 drs., Feb. 10, Santiago; 7 bbls., Jan. 25, Panama; 1 bbl., Jan. 12, Panama; Sulfate, 2 bbls., Jan. 25, Panama; Sulfide, 5 drs., Jan. 29, Santo Domingo

**SULPHUR OXIDE**—1 cs., Feb. 5, Melbourne

**SUMAC**—40 bgs., Jan. 26, Valparaiso

**SUPERPHOSPHATE**—10 bbls., Feb. 2, Sydney

**TALC**—10 bgs., Jan. 25, Panama

**TEXTOL**—4 drs., Feb. 9, Melbourne

**TRICHLORAETHYLENE**—34 drs., Feb. 4, Manzanillo

**ULTRAMARINE BLUE**—30 cs., Jan. 25, Pto. Colombia; 10 cs., Feb. 4, Pto. Mexico

**WAX**—135 bbls., Jan. 24, Glasgow; Paraffine, 500 bbls., Feb. 10, Bristol; Tanning, 66 bbls., Feb. 10, Bristol

**ZINC**—Oxide, 145 bbls., Feb. 5, Vancouver; 30 bbls., Jan. 26, Vera Cruz; 10 bbls., Feb. 7, Havana; 50 kegs, Jan. 25, Cristobal; 100 kegs, Feb. 11, Sourabaya; 40 bbls., Jan. 29, Havana; Stearate, 22 bbls., Jan. 26, Vera Cruz

The Canadian Salt Co., Ltd., has selected the "Gibb cell" for the manufacture of chlorine in its factory, as the best out of fourteen competitors. D. A. Pritchard, works manager of the company told the Montreal branch of the Society of Chemical Industry Feb. 21. They found it efficient, economic, and easy of installation and control, he said. J. H. Hubel, chief chemist of the company, spoke of the many uses of chlorine in modern science and industry.

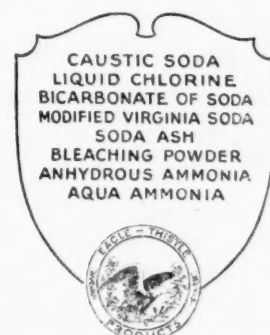
Cary Paint Manufacturing Co. has been organized at Rogers, Ark. H. A. Cary, proprietor of Cary Furniture Co., purchased the equipment of Queen City Paint Co., Denver, and moved it to Rogers. He employed J. F. Burness, paint chemist, and the new factory was started Feb. 1 and will manufacture a complete line of paints and varnishes.

Silver Leaf Mining Syndicate, in Bradford, England, is operating a deposit of lithium on Winnipeg River near Point du Bois, Manitoba.

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Application date appears with each patent.

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Issued Feb. 15, 1927

1,617,332.—Pyridine-3-Carboxylic Acid Amides, process. M. Hartmann and M. Seiberth, Basel, Switzerland, assignors, Society of Chemical Industry in Basel. Dec. 11, 1925.

1,617,343.—Sweeping and Dusting Compound. W. W. Odell, Minneapolis. Mar. 28, 1925.

1,617,350.—Preventing and Dissolving

Scale in Boilers. P. Schenitz, Zurich. Nov. 30, 1925.

1,617,355.—Settling Tank. I. B. Tanner, Chicago, assignor, J. E. Nelson & Sons. June 17, 1925.

1,617,411.—Vulcanizing Rubber. T. W. Miller, assignor, The Faultless Rubber Co., Ashland, O. May 12, 1923.

1,617,416.—Measuring and Controlling Temperatures. R. T. Pierce, Wilkesburg, Pa., assignor, Westinghouse Electric & Mfg. Co. Sept. 19, 1922.

1,617,426.—Paints for Fishing Nets. S. Tomioka, Tokyo. Mar. 24, 1926.

1,617,434.—Photographic Developer. K. Binder, Stuttgart, Germany. Aug. 25, 1925.

1,617,455.—Making Lubricants. H. A. Montgomery, Highland Park, Mich. Aug. 30, 1925.

1,617,456.—Carboy Bottle. W. Murray, Woodhaven, N. Y., assignor, General Chemical Co., New York. Nov. 17, 1923.

1,617,476.—Decolorizing and Clarifying Agent. H. S. Christopher, Berkeley, Calif., assignor, Standard Oil Co. of Calif., San Francisco. Sept. 30, 1922.

1,617,495.—Combining Cellulose and Rubber. S. A. Ogden, Los Angeles. Aug. 1, 1923.

1,617,520.—Comminuting Pasty and Liquid Materials, process and apparatus. H. Horn, Dresden. June 5, 1926.

1,617,522.—Conducting Catalytic Fluid Reactions. H. A. Humphrey, Stockton-on-Tees, England, assignor, Atmospheric Nitrogen Corp., Solvay, N. Y. May 1, 1926.

1,617,533.—Reactivating Purifying Material. P. Mahler, assignor, Darco Sales Corp., New York. Apr. 15, 1926.

1,617,550.—Kiln. J. N. Silva, Toronto, O. Feb. 20, 1926.

1,617,597.—Filter Cloth. J. E. Cooper, Ruxton, assignor, W. E. Cooper & Sons Co., Baltimore. Mar. 15, 1926.

1,617,619.—Oil Cracking Apparatus. G. Egloff and H. P. Benner, assignors, Universal Oil Products Co., Chicago. Aug. 21, 1926.

1,617,688.—Rotary Screens. E. O'Toole, Gary, W. Va. July 15, 1924.

1,617,696.—Aluminum Chloride process. E. R. Wolcott, Los Angeles, assignor, The Texas Co., New York. Sept. 22, 1921.

1,617,708.—Silicofluorides, process. B. Gehauf and H. W. Walker, Edgewood, Md. May 14, 1926.

1,617,727.—Treating Tobacco. M. Takeuchi, Los Angeles, assignor one-half, Y. Yasuda. June 1, 1925.

1,617,774.—Conditioning Crude Oil Emulsions. C. C. Averill, Houston, Tex., assignor, W. S. Barnickel & Co., Webster Groves, Mo. Sept. 2, 1924, Oct. 12, 1925, Nov. 21, 1925, May 3, 1926, and June 26, 1926.

1,617,754.—Making Paints. D. Gardner, Weybridge, England. Aug. 21, 1922.

1,617,815.—Rotary Cooler. A. W. Lisauer and J. Credo, Louisville, Ky., assignor, Louisville Drying Machinery Co. Feb. 2, 1926.

1,617,826.—Oil Composition. A. A. Somerville, Flushing, N. Y., assignor two-thirds, R. T. Vanderbilt Co., New York. June 19, 1926.

1,617,872.—Azo Dyestuffs. F. Straub, Basel, and H. Schneider, assignors, Society of Chemical Industry of Basel. Mar. 11, 1926.

1,617,887.—Lead Compounds. R. Wilhelm, South Melbourne, Victoria, Australia, assignor, The Commonwealth White Lead & Paints Proprietary, Ltd. Sept. 24, 1925.

1,617,927.—Artificial Stone. O. A. Tanner, Verona, Pa., assignor, Artstone Burial Vault Co. July 25, 1925.

1,617,945-6.—Coated Paper. G. E. Grimm, Springfield, Mass., assignor Westfield River Paper Co., Russell, Mass. Jan. 14, 1925.

1,617,960.—Recovering Adsorbed Material from Adsorptive Material. G. Mueller, Frankfurt, Germany, assignor, American Lurgi Co., New York. Feb. 6, 1925.

1,617,962.—Macerating Sugar Containing Materials. N. Nobel, Pasorean, Java. Aug. 18, 1926.

1,617,965.—Making Hydrogen. J. Rochet, assignor, Compagnie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue, Paris. Feb. 17, 1925.

1,617,996.—Flame Coloring Agent. C. Ellis, Montclair, N. J., assignor, The Chedloid Co., New York. Dec. 22, 1925.

1,618,004.—Catalyst for Ammonia Making. L. H. Greathouse, Jamaica, N. Y. Mar. 31, 1922.

1,618,029.—Briquetting Coal. Srinivas R. Wagle, New York, assignor, The Lehigh Coal & Navigation Co. Sept. 30, 1924.

1,618,038.—Destructive Distillation of Oil Shale. L. R. Abernathy, Lead S. Dak. Dec. 1, 1924.

1,618,047.—Treating Calcium Cyanide. G. Barsky, assignor, American Cyanamid Co., New York. Dec. 29, 1923.

1,618,078.—Roofing Compound. I. Gedarovitch, Brooklyn. Nov. 12, 1925.

1,618,086.—Making Rouge. P. I. Hess, Jr., Kokomo, Ind., assignor, Pittsburgh Plate Glass Co. Oct. 30, 1919.

1,618,122.—Making Covering Material from organic emulsions. J. C. Morrell. Oak Park, Ill. Oct. 11, 1923.

1,618,105.—Making Aluminum Hydroxide. H. Pedersen, Trondhjem, Norway, assignor, Aluminum Co. of America, Pittsburgh. June 7, 1926.

1,618,109.—Pressure Control Apparatus. C. A. Sabbahm, Shenectady, N. Y., assignor, General Electric Co. July 21, 1926.

1,618,148.—Purifying Carbohydrate Solutions. C. B. Davis, New York. Feb. 21, 1923, and Dec. 14, 1923.

1,618,150.—Adhesive and process. L. Fackler, Ridgewood, N. J., assignor, The Stein-Davies Co., New York. Dec. 15, 1921.

1,618,511.—Separating Liquids of Different Specific Gravity. T. Fisher, Philadelphia. Feb. 28, 1924.

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Issued Jan. 19, 1927

361,732.—Drying Sulphur Dioxide. Allgemeine Ges. fuer Chemische Industrie, Berlin. Nov. 6, 1926.

261,740.—Distilling or Drying Solids. F. G. Hoffman, Erzebirge, Germany. Nov. 15, 1926.



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21,747.—Cyclohexylamines. Farbwerke vorm. Meister, Lucius & Bruening, Hoechst, assignors, I. G. Farbenindustrie A. G., Frankfurt. Nov. 16, 1926.

261,748.—Rubber Substitutes. Consortium fuer Elektrochemische Industrie Ges., Munich. Nov. 16, 1926.

261,755.—Purifying Gases and Ammonium Sulphate. F. W. Sperr, assignor, Koppers Co., Pittsburgh. Nov. 17, 1926.

261,757.—Benzanthrone Derivatives. Farbwerke vorm. Meister, Lucius & Bruening, assignors, I. G. Farbenindustrie A. G. Nov. 17, 1926.

261,744.—Cyclohexylamines. Farbwerke vorm. Meister, Lucius & Bruening, assignors, I. G. Farbenindustrie A. G. Nov. 18, 1926.

261,769-771.—Azo Dyes. Farbwerke vorm. Meister, Lucius & Bruening, assignors, I. G. Farbenindustrie A. G. Nov. 19, 1926.

261,781.—Liquid Fuels. A. Laurent, assignor, Carburants Economiques Soc. Anon. Brussels. Nov. 20, 1926.

261,784.—Sampling Liquids. D. J. Elliott, Clairton and G. C. Jones, Erie, Pa. Nov. 20, 1926.

261,786 7.—Catalytic Process and Apparatus. J. Trautmann, Berlin. Nov. 20, 1926.

261,792-4.—Treating Textile Fabrics. Heberlein & Co., A. G., St. Gallen, Switzerland. Nov. 22, 1926.

261,806.—Stencil Sheets. A. B. Dick Co., Chicago, Ill. May 26, 1925.

261,821.—Dyeing Cellulose Acetate. J. W. Leitch & Co. and A. E. Everest, Huddersfield, England. Aug. 3, 1925.

21,833.—Filtering Gases. O. V. Greene, Cleveland. Aug. 24, 1925.

261,843.—Extrusion Machine. E. H. Johnson, Ansonia, Conn. Aug. 26, 1925.

261,850.—Strainer Separators. Woodhall-Duckham, Ltd., and R. Krall, London. Aug. 28, 1925.

261,863.—Preserving Oils and Varnishes. G. E. Scharif and Nobel's Explosives Co., Stevenston, Ayrshire. Sept. 3, 1925.

261,879.—Treating Leather. R. Meyer, Hanover, Germany. Sept. 28, 1925.

261,885.—Treating India Rubber. H. Holt, Bury. Oct. 5, 1925.

261,888.—Isodibenzanthrone Dyes. Badische Anilin & Soda Fabrik, Ludwigshafen. Oct. 9, 1925.

261,897.—Filtering Air and Gases. D. Hall, J. H. Kay and Hall & Kay, Ltd., Ashton-under-Lyne. Oct. 16, 1925.

261,907.—Liquid Fuels. H. T. Butler, Bristol, F. J. W. Popham, East Chicago, Ind., J. C. Mann, Birmingham and H. W. Robinson, Mortimer, Worcester-shire. Nov. 17, 1925.

261,910.—Mixing Apparatus. Ransomes & Rapier, Ltd., and P. Ionides, Ipswich, Suffolk. Nov. 23, 1925.

261,919.—Heating or Distilling Solids. F. D. Marshall, Westminster. June 5, 1925.

261,927.—Heat Treating Solids. F. D. Marshall, Westminster. June 5, 1925.

261,959.—Fibrous Compositions. K. Zarfel, Leipzig. Feb. 15, 1926.

261,960.—Carbon Disulphide. Zahn & Co. Bau Chemischer Fabriken Ges., Berlin. May 12, 1926.

261,991.—Potassium Sulphate and Double Sulphates. E. Niccoli, Tripoli, Italy. May 13, 1926.

262,017.—Fertilizer Composition. B. Boder, Paris. July 26, 1926.

262,030.—Isodibenzanthrone Dyes. Badische Anilin & Soda Fabrik, Ludwigshafen. Oct. 9, 1925.

262,042.—Column Stills and Rectifiers. Soc. l'Air Liquide, Soc. Anon. pour l'Etude et l'Exploitation des Procédés G. Claudes, Paris. May 11, 1926.

262,075.—Cobalt and Nickel Acetates. Chemische Fabrik Griesheim Elektron, assignors, I. G. Farbenindustrie A. G., Frankfurt. Nov. 2, 1926.

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619,693.—Acetate of Cellulose. Soc. Chim. des Usines du Rhone. July 26, 1926.

619,717.—Compositions with Oil Base and Pigment. G. W. Acheson. July 31, 1926.

619,764.—Coloring Cellulose Esters for Making Plastics. Societe Chimique des Usines du Rhone. Aug. 2, 1926.

619,650.—Detergent Compositions. I. G. Farbenindustrie A. G. May 15, 1926.

619,857.—Decolorizing Acetone Oils and Methylene Oils and products. Etablissements Lambiotte Freres. Dec. 4, 1925.

619,681.—Rubber Dispersions. The Anode Rubber Co., Lt. July 25, 1925.

619,761.—Concentrating Filters. J. B. Vernay. Aug. 3, 1926.

619,816.—Liquid Clarifier. Legue et Raux. Aug. 4, 1926.

619,828.—Separating Salts from Solutions. Siemens Schuckert Werke G.m.b.H. Aug. 5, 1926.

619,982.—Electrical Apparatus for Water Distillation. P. Bergeon. Aug. 3, 1926.

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437,911.—Improvement in Sulphuric Acid Manufacture. E. A. Gaillard, Barcelona. Aug. 4, 1923.

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437,977.—Colorless Substratum on Fibers. I. G. Farbenindustrie A. G. Nov. 15, 1924.

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Higher yields of methanol and acetic acid from wood waste are reported by Prof. Carl G. Schwabe, Berlin, by employing a so-called wet carbonization at temperatures around 180 degrees Celsius. The wood is saturated with magnesium chloride solution and then heated, whereby greater yields result than by ordinary dry distillation, says the inventor. The process has been registered for patent in seventeen countries.

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## Business Opportunities

Established, well rated broker in Chicago will give exclusive representation in Middle West. Desires raw materials and allied lines selling to manufacturers and jobbers—preferably in carload lots. Only responsible first hands considered. Box 626, CHEMICAL MARKETS.

**WANTED.**  
**ADDITIONAL SALES CONNECTIONS**  
They may be dyes or chemicals. They may be in current consumption or may require introductory work. J. F. Hollywood, 132 Front Street, New York.

BRITISH proprietors of a successful chemical compound filling a large and established demand are desirous of forming connections with reliable American manufacturer on a royalty or purchase basis for exclusive manufacturing rights to this compound for the Western hemisphere. Product is covered by basic U. S. Patents. Address Box 633 H, CHEMICAL MARKETS.

## Situation Wanted

NOW AVAILABLE a man who is peculiarly fitted for assistant to high executives in the chemical or allied industries. Present employment executive where tact, chemical knowledge and ability to deal and correspond with business men and employes are prerequisites. 39 years of age, a post-graduate American chemist. For details write Box 611, CHEMICAL MARKETS.

CHEMIST, 20 years' experience organic, inorganic chemicals, who has manufactured several highly remunerative products; well recommended; wants connection. Moderate salary. Box 619 CHEMICAL MARKETS.

CHEMICAL DIRECTOR—Eminent industrial chemist desires new connections with progressive corporation. Brilliant record of invention and development in Europe and U. S. A. Only high salaried executive position or consulting activity on retainer and royalty basis considered. Box 623, CHEMICAL MARKETS.

FOR SALE—Complete files of DRUG & CHEMICAL MARKETS, unbound, \$5.00 a volume.

CHEMISTS (2), several years' experience commercial consulting work; creative and exclusive ability plus intelligent and diligent application. Box 620, CHEMICAL MARKETS.

CHEMIST, Ph.D., organic, 15 years research, production and business experience; formerly Bureau of Standards; technical proficiency with understanding commercial aspects involved; references. Box 615, CHEMICAL MARKETS.

## Help Wanted

SALESMAN for Eastern and Southern territory. All year round profitable side line selling high grade disinfectants, pharmaceuticals and sanitary supplies to hospitals, schools, hotels, dairies, factories, etc. Liberal commission. Chance for advancement and drawing account. Replies strictly confidential. Address Box 627, CHEMICAL MARKETS.

SHIPPING CLERK familiar with packing of chemical products wanted to take charge of warehouse in Brooklyn. Box 506, CHEMICAL MARKETS.

WANTED—Assistant to Sales Director of large chemical and oil jobbers in Metropolitan District. Must have real initiative and executive ability. Excellent opportunity for right man. State age, experience, and salary expected. Communications treated confidential. Box 600, CHEMICAL MARKETS.

INDUSTRIAL ALCOHOL manufacturer desires to engage to act as representative parties knowing the trade in large centers in Alabama, Arkansas, Colorado, Michigan, Missouri, North Carolina, South Carolina, Ohio, Oklahoma, Tennessee, Texas, Virginia, West Virginia, Georgia and northeastern states. Give full references and experience. Box 607, CHEMICAL MARKETS.

WANTED—Salesman familiar with Soap Manufacturers trade to take a side line for importer. Box 613, CHEMICAL MARKETS.

RUBBER CHEMIST—Manufacturer requires service of technical man with practical plant experience. Box 505, CHEMICAL MARKETS.

CHICAGO CHEMICAL and color house seeks salesman for middlewestern territory. Must live in Chicago. State history, experience. Give all details possible; also salary expected. Box 585, CHEMICAL MARKETS.

SALESMAN WANTED in the East and Middle West for successful by-product (specialty non-competitive) used in the soap industry. Must be thoroughly acquainted in this field. Good future. Write full particulars as to experience, etc. Box 538, CHEMICAL MARKETS.

## Miscellaneous

SPOT lot of Wool Scarlet 3R for sale. Box 628, CHEMICAL MARKETS

CHEMICAL LIME PRODUCTS MANUFACTURERS ATTENTION.—We have large deposit of high grade Annville Limestone, 95.98 per cent calcium carbonate, available for quarrying on royalty basis. Deposit immediately adjacent to Reading Railway tracks. For particulars write D. M. Stoudt, Hersey, Pa.

BARYTES for sale. Product of a mine in the French Broad valley district. Analysis shows Barium Sulphate 73.67%; Calcium Fluoride 11.90%; Silica 12%; Iron and Aluminum Oxides .69%. Also products from other mines showing analysis varying from 86 to 92% Barium Sulphate. For full information apply to James E. Rector, Asheville, N. C.

WANTED—Process for the manufacture of Indanthrene Golden Orange RRT. Box 625 CHEMICAL MARKETS.

ODD LOTS DYESTUFFS. We want odd lots of Acid and Basic dyestuffs. Send samples and quotations to Pylam Products Company, 799 Greenwich Street, New York City.

SODA ASH—115 barrels offered for resale by manufacturer. No brokers or agents. Well known brand in good condition. Will be delivered in Metropolitan district by our own truck. What bids? Box 507, CHEMICAL MARKETS.

## WHO NEEDS EQUIPMENT?

Obviously many manufacturers among the 10,000 reading CHEMICAL MARKETS

"CORPORATE FORMS DO NOT ABSOLVE FROM OR ALTER THE MORAL OBLIGATIONS OF INDIVIDUALS. RESPONSIBILITIES WILL BE AS COURAGEOUSLY AND CONSCIENTIOUSLY DISCHARGED BY THOSE ACTING IN REPRESENTATIVE CAPACITIES AS WHEN ACTING FOR THEMSELVES."\*

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